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ESTAB. 1859

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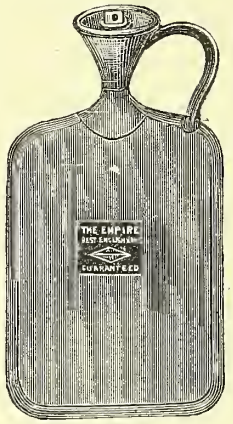

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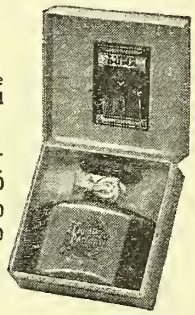

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Perfumery

SPECIAL OFFERS!

2 oz., 42/- doz. 4 oz., 80/- doz.

FREE SAMPLING!

We supply, free of charge with each order of £5 and over for Duma Perfumery, a dainty Perfumiser for Counter use, charged with any Perfume at the choice of Buyer.

SUGGESTED £10 ASSORTMENT.

Qty.		@ Per doz. s. d.	£ s. d. Cost.	Sell for £ s. d.
2	She	66 0	0 11 0	0 15 6
2	Muguet	46 0	0 7 8	0 11 0
2	Roses Picardy ..	46 0	0 7 8	0 11 0
2	Royal	48 0	0 8 0	0 11 6
1	Perles d'Amour..	210 0	0 17 6	1 5 0
2	Communis	96 0	0 16 0	1 3 0
3	Goblets	72 0	0 18 0	1 5 6
3	Sans Alcool ..	32 0	0 8 0	0 11 3
2	Cased 7151 ..	42 0	0 7 0	0 10 0
4	Cologne	21 0	0 7 0	0 10 0
3	Cologne	42 0	0 10 6	0 15 0
4	,, Flask ..	42 0	0 14 0	1 0 0
3	,, Wickered	49 6	0 12 4	0 17 9
2	,, ,, ½-pt.	105 0	0 17 6	1 5 0
2	,, Russe ..	38 0	0 6 4	0 9 0
3	,, Solid ..	31 6	0 7 11	0 10 6
2	Iolanthe	93 0	0 15 6	1 5 0
2	Caskets	6 6	0 13 0	0 19 6
2	,, ...	4 6	0 9 0	0 13 6
2	,, ...	3 6	0 7 0	0 11 0
2	,, ...	3 5	0 6 10	0 10 6
3	,, ...	2 1	0 6 3	0 9 9
			11 14 0	17 0 3
	5% for £10 order		11 9	
			11 2 3	
	Extra 10%		1 2 3	
			10 0 0	

SAVAR'S IOLANTHE
93/- doz.

£5 ASSORTMENT.

Half the above quantities, or by deleting lines not required.

Discount 2½% and 10%.

Showcards and Fancy Crepe for Window Display free.

	Doz.
½-pint Wickered	105/-
1 pint ,, ...	210/-

SOLID COLOGNE.

Cat. 9650 ... ... 31/6 doz.

Showrooms: LIVERPOOL, LONDON & MANCHESTER.

There is Profit for the Chemist in "Razorite."

You've only to put "RAZORITE" on your counter and it will sell itself—that means extra Profits for YOU—easily earned.

"RAZORITE" is a specially prepared white oily powder which is sprinkled lightly on the surface of any ordinary or safety razor strop, and rubbed well in with the finger. Quite a simple little operation, but one that brings a wonderfully keen edge to even the dullest of razors. No wonder then that "RAZORITE" will sell freely wherever it is shown.

"RAZORITE" contains no emery or any other gritty substance, and is retailed in handy little sprinkler top containers at **1/6**, which yield a generous profit to the Chemist. Get in a supply NOW and give "RAZORITE" a prominent display in your windows and on your counters, and link up with our forthcoming advertising campaign which will ensure a great demand for "RAZORITE" from men in your neighbourhood.

Sole Wholesale Distributors for United Kingdom:

W. EDWARDS AND SONS

157 Queen Victoria St., London, E.C.4.

"RAZORITE," Regd. ***75 Aldermanbury, London, E.C.2.***

P.A.T.A. NOTICE

18 Tavistock Sq., London, W.C. 1

November 3, 1922

The following article has been added to the Protected List:

PARKE DAVIS & CO. Preps.:

Size		M.R.P.	M.W.P.
2 fl. oz.	EXTRACT VANILLA SPECIAL	4/6	36/- doz.

THE Council of the P.A.T.A. hereby heartily invite applications for membership from manufacturers of Proprietary Articles and from Wholesale and Retail vendors of the same. Whatsoever manufacturers' thoughts may have been in the past about the need for price-protection, none but the selfish can now maintain that better profits (assured) are not essential to the conduct of business. The cost of running pharmacies is now greatly increased, and it cannot be wondered at if retailers give the iciest of "cold shoulders" to proprietaries not on the P.A.T.A.

SUBSCRIPTIONS (which run for twelve months from date of joining) are:—

Manufacturers	£6	6	0
Wholesalers	10	10	0
Retailers	0	7	6

Crossed cheques or P.O.'s, payable to the Proprietary Articles Trade Association, to be sent to the Secretary,

SIR WILLIAM GLYN-JONES,
18 Tavistock Square, W.C.1.

First Favourite with Dancers.

HANDSOME 3-COLOURED ENAMELLED TIN.

P.A.T.A.—1/6...13/6 per doz.; 3/9...30/- per doz.

SOLD EVERYWHERE. Manufactured by—

LOFTHOUSE & SALTMER Ltd., HULL

PROVERBS
1922

An iodised throat gathers no germs.

The people buy more drugs for protection than cure. Offer them the full virtues of the iodide treatment secured by AYRTON'S

IODISED THROAT TABLETS

The most efficacious treatment for Sore Throat and kindred complaints and the finest antiseptic and breath deodorant extant.

Ayrton's Iodised Throat Tablets have gained enormous popularity in home and overseas markets. Their virtues are equally great in tropical climates or 'all British' weather. The output has made our 'plant' grow at a terrific pace.

25's, bottled and cartoned
4/9 doz., **54/-** gross.

50's, bottled and cartoned
6/9 doz., **78/-** gross.

Bulk quotations and samples on request.
Attractive display cards available.

Special packing for Export.

(XL)

A cold in the head needs a C.E.M. push.

Cinnamon Eucalyptus & Menthol in a form which gives complete asepsis of the aural and nasal cavities. Adopted by the British Public to the number of 100 000.

AYRTON'S C.E.M. INHALER

There's not a person living who really likes to sniff eucalyptus from a germ-laden handkerchief—and the man next to him detests it. The C.E.M. Inhaler is a different proposition. It's delightful to use and gets a recommendation. Shaped on a scientific basis, impregnated with a combination of palliatives and enclosed in a neat plated metal container, it drops conveniently into the purse or pocket occupying no more room than a pencil stub. It's always ready for its job and a sniff is e(s)nough.

6 inhalers on smart sales card **4/-**
2 cards **7/6**

Prices on application.

AYRTON, SAUNDERS & CO., LTD.
Manufacturing Chemists **LIVERPOOL, ENG.**

Telegrams: "SUNDRIES, LIVERPOOL." *Telephone: ROYAL 4861.*

The "Cold" Season is approaching

WE HAVE A NOVEL REMEDY IN

PINE CATARRH CURE

For Inhalation from the Handkerchief or Pillow.

Packed in attractive Cartons at **7/6** DOZEN.

SHOWCARDS SUPPLIED.

MAY WE SEND YOU A SAMPLE?

YOU HAVE NO DOUBT NOTICED IN THE PRESS THE FOLLOWING ADVERTISEMENT

"PELDO" YOUR HANDS FIRST

Perhaps some of your customers have enquired from you about it?

If you do not already know "Peldo" we shall be pleased to send you a Trial Tube post free, so that you may learn all about it; you will then have a very interesting subject to talk about to your customers.

RETAIL PRICE

1/6 EACH NET

(P.A.T.A.)

Attractive Window Display material and Showcards supplied. Sample Tubes supplied gratis in proportion to quantity ordered.

WHOLESALE PRICE

13/6 PER DOZ.

In order to introduce "Peldo" we are offering a special bonus for a guaranteed window display of not less than 14 days as follows:

On orders of 1 gross a bonus of 18 full-size tubes.
On orders of 6 dozen a bonus of 8 full-size tubes.
On orders of 3 dozen a bonus of 3 full-size tubes.

Further particulars on application to

C. R. HARKER, STAGG & MORGAN, LTD.

Devon Wharf and Bell Wharf, Emmott Street, MILE END, E. 1.

NO Pharmacist can afford to run out of

Castols

the "Nice as Chocolate" substitute for Castor Oil which has created a progressive all-the-year-round demand.

Castols are distinctive and there are no close imitations in stock at the grocery stores. Their efficacy is vouched for by fourteen years of growing popularity.

In 1½d. packets and 9d. & 1/6 tins.
Trade prices 12/- gross, 6/6 & 13/- doz.

THOMAS KERFOOT & Co. Ltd.
BARDSLEY VALE, LANCASHIRE,
& Bardsley House, London, N.1
ESTABLISHED 1797.

COPYRIGHT

DEARBORN LTD.

37 Gray's Inn Road,

LONDON, W.C.1.

Toilet Specialties.

	Price per doz. to Retailer	Selling Price P.A.T.A.
PILENTA SOAP ... ... A complexion soap.	10/-	1/-
PROLACTUM ... ... For the lips.	10/-	1/-
PARSIDIUM JELLY ... For wrinkles.	10/-	1/-
ALLACITE OF ORANGE BLOSSOM ... ... A dressing cream.	22/6	2/6
BORANIUM ... ... A hair tonic.	22/6	2/6
CLEMINITE ... ... For a face lotion.	22/6	2/6
COLLIANDUM ... ... For a face tint.	22/6	2/6
PERGOL ... ... A deodorant.	22/6	2/6
TEKKO PASTE ... ... Camphor cream.	22/6	2/6
STALLAX ... ... For a shampoo.	22/6	2/6
JETTALINE ... ... For clearing the skin.	31/6	3/6
PHEMINOL ... ... A depilatory.	36/-	4/-
MENNALINE ... ... For the eyelashes.	36/-	4/-
MERCOLIZED WAX ... A face cream.	31/6	3/6
STYMOL ... ... For oily complexions and blackheads.	36/-	4/-
SILMERINE ... ... Hair-curling fluid.	22/6	2/6
BARSYDE ... ... Dandruff eradicator.	22/6	2/6
TAMMALITE ... ... For grey and faded hair.	22/6	2/6
LIQUID PERGOL ... ... To check excessive perspiration locally.	31/6	3/6
BICROLIUM ... ... For whitening the hands.	22/6	2/6
HARAPOSA ... ... Nut oil shampoo.	22/6	2/6
COCONOIDS ... ... For figure development.	31/6	3/6

The Products of
Messrs. PARKER, BELMONT & CO.

CLYNOL BERRIES For obesity.	36/-	4/-
	58/6	6/6
SOFT PALERIUM ... ... For wrinkles.	45/-	5/-
LIQUID NAIL POLISH ... Brilliant and lasting.	10/-	1/-

Stocked by ALL Wholesale Houses.

COLONIAL DEPOTS AND AGENCIES.

Australia: ALL WHOLESALERS, & DEARBORN (Australia), Ltd., Grace House Clarence Street, Sydney.
South Africa: LENNON Ltd, Cape Town etc. SIVE BROS. & KARNOVSKY, Johannesburg.
India: FRAMJEE & SON, Bombay SMITH, STANISTREET & CO., Calcutta.
New Zealand: SHARLAND & CO., Auckland & Wellington.
South America: DEARBORN (South America), Ltd., Calle Salta 264, Buenos Aires.
Straits Settlements & Federated Malay States: MEDICAL HALL, Ltd., Singapore.

LINES THAT SHOW GOOD PROFITS

Taylor's
CIMOLITE PREPARATIONS

50 YEARS' REPUTATION.
Used in all Royal Nurseries and by the Nobility.

CIMOLITE TOILET POWDER.
Boxes, 1/1½ (per doz. 9/6)
Tins, 3/-, 5/6, 11/- (per doz. 27/-, 49/3, 96/-)
Bottles, 3/3, 6/6 (per doz. 30/-, 55/6)

CIMOLITE TOILET CREAM.
Collapsible tubes, 1/3 (per doz. 11/6)

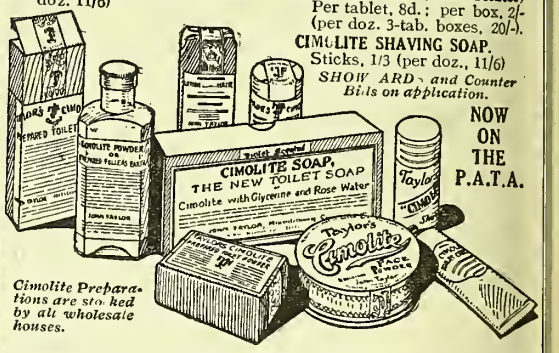
CIMOLITE SOAP.
Per tablet, 8d.; per box 2/- (per doz. 3 tab. boxes, 20/-)

CIMOLITE FACE POWDER.
Boxes, 1/1½ (per doz. 9/6)
Tins, 3/- (per doz. 27/-)
Bottles, 3/3 (per doz. 30/-)

CIMOLITE SOAP (Violet-Scented)
Per tablet, 8d.; per box, 2/- (per doz. 3-tab. boxes, 20/-).

CIMOLITE SHAVING SOAP.
Sticks, 1/3 (per doz., 11/6)

SHOW ARDS and Counter Bills on application.



NOW ON THE P.A.T.A.

Cimolite Preparations are stocked by all wholesale houses.

ATTRACTIVE SHOW CARD obtainable from all wholesalers or direct.

PREPARED ONLY BY

JOHN TAYLOR, Manufacturing Chemist
30 BAKER STREET, PORTMAN SQ., LONDON, W.1

"Newbery's"
FRANCIS NEWBERY & SONS LTD

Oil of Peppermint.

Pharmacists in their dispensing and manufacture should use Oil of Peppermint which is produced only from selected plants.

As the sole selling agents for Messrs. John Jakson & Co., Ltd., of Mitcham, the largest growers of Peppermint, we are able to supply Oil of Peppermint in sealed containers guaranteed to meet the B.P. standard.

FRANCIS NEWBERY
& Sons, Ltd.
LONDON & CARDIFF.

Price's Old English Lavender Squares

(BATH SIZE).

Now available in BATH size as illustrated. (6 squares in box.)

Retailing at
7s. 6d. doz.
Bath size Squares yield an attractive profit

PRICE'S
BATTERSEA
S.W. 11

If your goods are for Women your advertising is for Weldon's

[Famous Fashion Journals]

Net Sales One Million copies monthly.

Weldons Ltd., 30 Southampton St., London, W.C.

Nuctone
Regd.

Has Solved the Grey Hair Problem

NUCTONE is the discovery of an eminent Hair Specialist. Restores the colour gradually, permanently, safely. Guaranteed free from any injurious ingredients such as sulphur or lead.

Adds greatly to Saloon Returns

NUCTONE Grey Hair Treatment is proving a lucrative addition to the business of every Hairdresser who has adopted it. Send for free booklet, which contains full details and instructions.

Retail Price 6/6 per Bottle

Manufactured by—

Stewart, Goodall & Dunlop, Ltd.
4 Dering Street, LONDON, W.1

Stocked by Leading Wholesale Houses.

Special Bonus scheme for Window & Counter Display
(Open till 10th Dec.)

3 doz order	6 doz. order
2 Bottles Free=	4 Bottles Free=
13/-	**26/-**

Order through your Wholesale House.

BONUS QUANTITY will be sent direct from Stewart, Goodall & Dunlop, Ltd., with Window Cards, etc.

"Jackel's Cream"

(without Grease)
for THE HAIR
Sold everywhere
Established 1883.

"Jackel's Cream" fixes the hair in any desired position; is unexcelled as a dressing and does not soil the headwear. It removes Scurf and Dandruff, keeps the scalp healthy, and promotes the natural growth of the hair while maintaining its softness and brilliancy.

Prices for Wholesale and Export Houses on application.

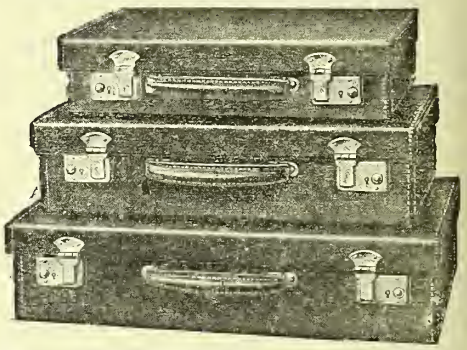
Jackel et Cie (of Paris) Ltd,
Sauchiehall Street, GLASGOW.

CRYSTALLISED
7 oz. CREAM 10 oz.
Trade Mark attached to each bottle.

SPECIAL OFFER TO CHEMISTS.

ATTACHÉ CASES

Direct from Manufacturer



REAL NUT-BROWN HIDE. LINED GREEN. TWO SLIDING NOZZLE LOCKS.

14x9½x3½ **12/9**, 16x10x4 **14/6**, 18x10½x4½ **16/-** each
POST PAID.

Suit, Week-end, Ladies' Blouse Cases, etc., at equally advantageous prices. Enquiries solicited.

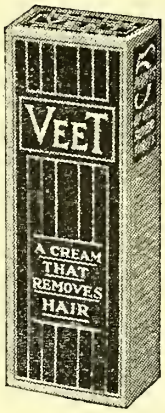
Dept. C. D. **The Leather Goods Mfg. Co.**
41 Oldfield Road, Salford, MANCHESTER.

SOMETHING NEW!

Big Profits . . Guaranteed Sales.

VEET

A MARVELLOUS NEW PERFUMED, VELVETY **CREAM** THAT REMOVES SUPERFLUOUS HAIR.



NO

Offensive odour.
Irritating effects.
Powders to mix.
Soothing Creams or Lotions necessary.
Preliminary treatment required.
Waste.

AS EASY TO USE AS A FACE CREAM.

OUR SALES GUARANTEE: We guarantee the sale of all Veet you order, so you run no risk of loss when you stock Veet.

— TERMS TO CHEMISTS. —

RETAIL PRICE - - 3/6 per package. CASH DISCOUNT :—5%—14 days.
WHOLESALE PRICE - 28/- net per dozen. **BONUS GOODS :** One extra to the doz. on orders for 3 doz. or over.

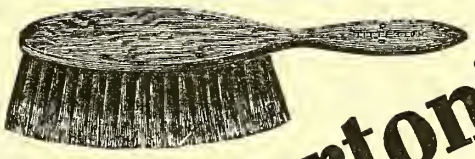
—DAE HEALTH LABORATORIES—

(Dept. 37) 68, BOLSOVER STREET, LONDON, W.1.

POWDER PUFFS

Our creations in this line are acknowledged to be UNIQUE, and wherever shown they appeal to the lady of refinement because of their ORIGINALITY of design.
Our Novelties are packed singly in round fancy boxes and bear our gold seal "ROSETTE" with device of basket of roses, which stands for Quality and High-class Workmanship. One dozen boxes are packed to the carton, which packing is most convenient for Shipping. Manufactured throughout by BRITISH LABOUR in our own workshops under ideal conditions, our Powder Puffs are demanded practically the WORLD OVER.
Markets still open include The EAST, The UNITED STATES OF AMERICA and SOUTH AMERICAN STATES. We kindly invite enquiries from Merchant Shippers catering for these countries confident that there need only be a few of our novelty puffs shown to create a large demand.

J. R. BOURLAT, GOES & CO.,
Manufacturing Specialists in Fancy Powder Puffs to the Wholesale and Shipping Trade ONLY,
22 Princes Road, Holland Park, LONDON, W. 11.
Telephone Nos. : PARK 240 & 2592.



Titterton's

Celebrated
HAIR BRUSHES
Tooth, Nail & Shaving Brushes

TITTERTON & HOWARD, Ltd., 8-10 Gt. Titchfield St., W.1.
Factory: Albion Works, Dalston Lane, E.8.

THE EVAN WILLIAMS'
EMULSIFIED COCOANUT OIL SHAMPOOS

in liquid form (2 sizes) *in powder form (packets)*

They are well up to the Evan Williams' standard of production, sell freely, and give a handsome profit.

Write for "The Shampoo Salesman," which gives full details of all our Preparations.

THE EVAN WILLIAMS CO., LTD., 18 & 18a Ogle Street, LONDON, W.1.

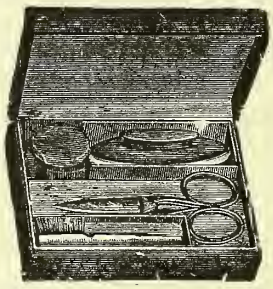
The largest Shampoo Specialists in the world.

WM. EDWARDS & SONS

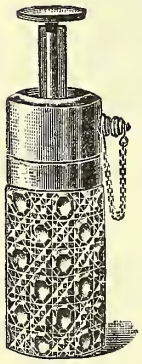
CHRISTMAS LINES.

PERFUME SPRAYS IN GREAT VARIETY.
SPARE BELLOWS, POCKET SPRAYS, PUMP SPRAYS.

PUFF BOWLS and PUFFS.



SHAVING SETS, etc.



SPLENDID ASSORTMENT OF MANICURE CASES.
SHAVING BRUSHES, HAIR BRUSHES, TOOTH BRUSHES.

ALL DRUGGISTS' SUNDRIES.

157 Queen Victoria Street 239-240 Upper Thames Street
LONDON, E.C.4.

Telephones: CENTRAL 1400. 1401.

Telegraphic Address: MEDICINES, CENT, LONDON.

COMBS

These superior Moulded Combs, with Burr-Grailed Teeth, are being offered at Reduced Prices
BLACK CELLULOID. UNBREAKABLE WITH ORDINARY USE.
Size 8½ by 1¾ ins. 7/- per dozen.
"GRIPWELL" HOLLOW-BACK COMBS.
All sizes and Patterns in stock.

VULCANITE TOOTH COMBS. All sizes. Immediate delivery. Lowest quotations.
Price List on Application.
Terms: 5% Cash with order. Carriage Paid. 2½% Monthly on Approved References.
H. WISEMAN, 42-43, Gutter Lane, London, E.C. Telephone: City 9164.

PERFUMERY, TOILET ARTICLES, and SUNDRIES

by leading British, American and Continental Manufacturers can be supplied in wholesale quantities. Price list on application to

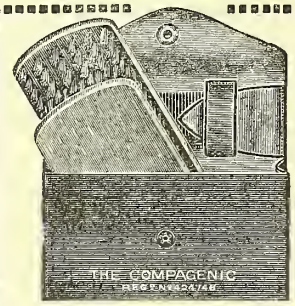
A. B. MEIKLE, Red Lion House, Red Lion Ct., London, E.C.4.

SHADEINE

FOR COLOURING GREY HAIR

This popular article is largely advertised and stocked by all Wholesale Houses. Trial Size 8d., per post 10d. 1/4 size, per post 1/7; 2/6 size, per post 2/11; 3/9 size, per post 4/6; 8d size, 6/- doz.; 1/4 size 12/- doz.; 2/6 size, 24/- doz.; 3/9 size, 36/- doz.

THE SHADEINE CO., 58 WESTBOURNE GROVE, LONDON, W.



BIDWELL'S 'Compagenic' Hair Brush Set

as advertised in the daily and weekly papers. Two Hair Brushes and Comb which only take up the room of one ordinary Hair Brush. Bristles of one brush fit in between the rows in other.

COST PRICE - Grey **7/6**, White **9/-**, Ebony **17/6**
SELLING PRICE Grey **10/6**, White **12/6**, Ebony **25/-**

CASTLE MILLS, AXMINSTER, DEVON.

(MAKERS OF THE CELEBRATED "GLORIA" TOOTH BRUSHES.)

Making Hay at Xmas Time!

Almost every post brings orders for L. T. Piver's new series of concentrated Perfumes. Chemists know a good thing when they see it.

Here then is your chance to "make hay" this Christmas. These floral perfumes are carefully-prepared, high-class, *greatly concentrated* and are being retailed at the astonishingly low price of 4/6 per oz. bottle. The Xmas purchaser will "jump at them." There are ten different varieties:—Violette, Muguet, Œillet, Rose, Heliotrope, Lilas, Chypre, Peau d'Espagne, Jasmin, Fougère. There is a generous trade discount, and an attractive showcard will be sent for your window or counter.

Order your stock now and you can enjoy the anticipation of a real "bumper" season.

The wholesale price of these Floral Perfumes is **36/- per doz., retailing at 4/6 per oz. bottle.**

L. T. PIVER, *PARIS*

London Depot: **102 Dean Street, Oxford Street, W. 1**

THE PERFUME of the DAY

VAL DE FLORE'S Genuine

FRENCH PERFUMES

of lasting fragrance in Bulk and Fancy Bottles.

To convince you of their value, we offer these Perfumes in bijou 1-dram and 1½-dram sizes, in glass rod, metal screw-cap bottles, with foot, in attractive counter show-outers and show-cards.

Lilac, Heliotrope, Jasmin, Sweet Pea, Lily, Carnation, Violet, Rose, Wall-flower.

1-dram size **7/6** doz.
1½ „ „ **10/6** „

Ce qui Plait
Bouquet Royale
Fleuron Suave.

1-dram size **10/-** doz.
1½ „ „ **12/6** „

ROBERT FERBER, LIMITED,
Carlton Works,
Asylum Road, Peckham, London, S.E.15.

HIGHEST GRADE AUSTRALIAN

SANDALWOOD OIL

GUARANTEED NOT UNDER

90%

OPTICAL ROTATION
– 6° to – 10°

Recent Analysis:

Alcohols (as Santalol)	91.3%
Ester Santalol ...	3.2%

Accepted by Australian Medical authorities as equal to B.P. Oil for medicinal purposes.

Prices ex London Stock or c.i.f. any Port.

Distilled by

PLAIMAR LTD., PERTH, WEST AUSTRALIA.

Agents for United Kingdom & Europe:

PLAISTOWE & CO., LTD. KING'S CROSS LONDON, N.1.

TRADE Gillette MARK

Are you prepared for the Xmas demand?

Gillette Safety Razors have always been popular as Xmas Gifts. Link up with our special Xmas advertising by window display. It will well repay you!

The New Improved **Gillette** Safety Razor

TRADE Gillette MARK KNOWN THE WORLD OVER

From **21/-** and upwards with 12 Blades complete.

Brownie (old type) sets with 3 blades, **5/-**
Gillette Blades in packets of 12 ... **4 6**
" " " 6 ... **2/3**

For full particulars, prices, etc., write to your wholesaler, or direct to Gillette Safety Razor, Ltd. Display matter, price tickets, etc., supplied free on request.

Gillette Safety Razor, Ltd., 184-188 Gt. Portland St., London, W.1

TRADE Gillette MARK

Total Adding, Receipt Issuing and Autographic

A proper Cash System!

The Gledhill Cash Till will start one for you without the least trouble. And the Gledhill system, properly worked, will satisfy your requirements. Gledhill Cash Tills are made in well-seasoned mahogany by men who have been building Tills all their lives. They could not be improved were they charged at twice their present price.

To learn all about the various models ranging from £4 4s. 0d. upwards, write for 24-page Illustrated Catalogue. Sent post free.

With accommodation for Treasury Notes.

2

G. H. GLEDHILL & SONS, LTD.,
16 Trinity Works, Halifax.

Stock "WATTS" British Safety Razor Blades

now supplied in convenient nickel-plated container fitted with a spring lid

Retail price **3/6** per doz.

Retailers' profit **50%** on cost.

A user writes: "Your Gillette-type Blades are a revelation."
Another writes: "Have found nothing to compare with your Blades."

JOHN WATTS (Dept. 3), Lambert Works, Sheffield.
Established over 150 years. **London: 24 Redcross St., E.C.1.**

"TAPON" (Regd.)

Tie up your Parcels with Advertising Tying Tape. Pleases both Eye and Pocket and gives Distinction to every Parcel sent out.

Various Colours and Widths. Printed or Plain.

Write for particulars, when Prices and Patterns will be forwarded.

S. D. SIMOND & CO., LTD.
10 Monument Street - - E.C.3
Tel.: Avenue 6378. Telegrams: "Duncasim London."

NOW SELLING EVERYWHERE
to Purchasers of Powders and Face Creams.

KemOlite

Nature's Own Radio-Active Beauty Aid

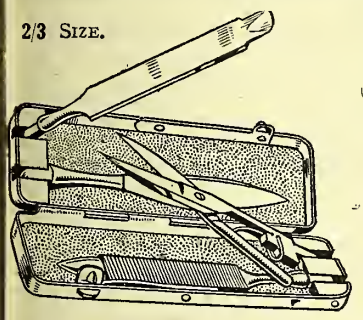
A MONEY-MAKER FOR CHEMISTS
Because every Pot sold sells more.

TERMS: Selling Price 6/6, Trade Price 54/- per dozen. 19/6 Bonus (3 Pots) with every 3 dozen order.

Sales Agents: PENNEY & CO., Cavendish House, Old Cavendish Street, LONDON, W. and Bigg Market, NEWCASTLE-ON-TYNE.

Also All Wholesalers.

2/3 SIZE.



Complete Manicure Sets

In Nickel Case, Velvet Lined, containing four Instruments.

20s. dozen
Post free.

Splendid Sellers.

BEST FORGED STEEL SCISSORS.

Inch	Dozen	Inch	Dozen
3½ Bent Nail ...	8/6	6½ Cutting Out ...	11/-
3½ Straight Nail ...	7/6	7 " " ...	12/-
3½ Straight Cuticle ...	8/-	Surgical	12/-
3½ Bent Cuticle ..	7/6	Drapers'	6/9
The above in 4 in., 6d. dozen extra.		Vest Pocket Safety Razors	6/9

GILLETTE BLADES U.S.A.
30/- per box of 10 dozen.
EVER-READY, AUTO-STROP, CLEMAK, FLYING MAN BLADES, in Stock.
PRICE LIST ON APPLICATION.

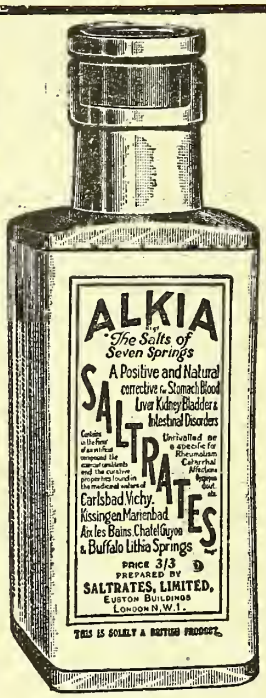
STANDEN & PERKS,
GREAT LISTER STREET, BIRMINGHAM.

Ointments

ALL B.P. and Unofficial Ointments can be supplied packed in decorated tins, collapsible tubes, or screw-capped opal jars. Our cold mixed Paraffin Ointments are of consistent smoothness, with all active ingredients evenly distributed.

Send for samples and special price quotations.

Specialty Department,
THE
ANGLO-AMERICAN OIL CO., LTD.,
Semprolia Works,
ALBERT ST., CAMDEN TOWN, N.W.1.



Sells at
3/3 P.A.T.A.

Testimony

regarding th

ALKIA SALTRATES AN

A Widely Advertised and Quick Selling Saline for LIVER, KIDNEY and RHEUMATIC DISORDERS, GOUT, Etc. Represents the maximum of possible efficiency in a Saline and the best value for the money. There is no trace of any salty, sour or otherwise unpleasant taste.

FROM PROMINENT USERS

The results of using these preparations are so remarkably satisfactory that many hundreds of prominent men and women have very kindly written us in grateful acknowledgment of the wonderful benefits derived. The following are from but a few of the well-known people who have thus written us.

JIMMY WILDE, World's Champion Boxer :—"I am glad to testify to the part your Saltrates fulfil during my training periods, I am never without both and never will be."

A. F. (Peggy) BETTINSON, Founder and Manager, National Sporting Club :—"I have no hesitation in recommending both Alkia Saltrates and Reudel Bath Saltrates, for all disorders arising from Uric Acid Trouble. Personal use satisfies me that no other preparation can equal your products for the elimination of the many ailments for which you advocate their use. You have liberty to use my testimony in any manner desired."

JIM SULLIVAN, ex-Middle-Weight Champion and former Army Physical Trainer :—"Alkia soon knocks out liver, kidney, uric acid, or similar disorders. Reudel Baths stop any aches or pains, foot troubles, etc., in no time. Your ad. writer is too conservative."

ERNEST BARRY, Holder of World's Sculling Championship, former Sergeant Instructor of Gymnastics in the Army :—"I can honestly state that for sprains or strains there is nothing to equal Reudel Bath Saltrates. The results are always satisfactory. Alkia Saltrates is another simple compound I struck and found very beneficial. A little of this in hot water each morning not only cleanses all impurities from the stomach but it clears the brain and ensures absolute physical fitness."

BOMBARDIER BILLY WELLS, the Popular Boxer :—"While a physical instructor in the Army, I found both Alkia and Reudel to be almost indispensable for correcting and preventing the ills and pains to which Tommies are subject. Personally, I take Alkia regularly, and Reudel is always added to my bath."

J. DONALDSON, World's Champion Sprinter :—"Alkia has no equal for rheumatic and uric acid disorders of all kinds. One Reudel bath will keep the joints more supple than a dozen Turkish or vapour baths. I could not do without them both."

W. G. GEORGE, World's Champion Runner :—"I have used Alkia and Reudel with remarkably good results. They are wonderful products, as everyone to whom I have recommended them fully agrees."

E. C. HORTON, Champion Walker, Holder of 11 World's Records writes :—"Ever since I commenced using Reudel Bath Saltrates, foot misery and all muscular aches, pains and stiffness have been only unpleasant memories. The real and lasting foot comfort is so gratifying that no one can fully appreciate such amazing effects until they are actually felt."

We have hundreds of similar letters which lack of space prevents our reprinting here. They will be published from time to time in other series of advertisements.

Compounded UP TO A STANDARD (the Highest Possible).
Never DOWN TO A PRICE.

These lines are as near perfection in their respective fields as it is humanly possible to get them regardless of cost or selling price. ***After you make the first sale, they go on selling themselves.***

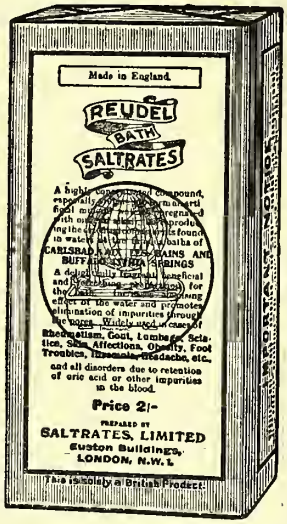
SALTRATES LIMITED, EUSTO

Extraordinary

emarkable effects of

EUDEL BATH SALTRATES

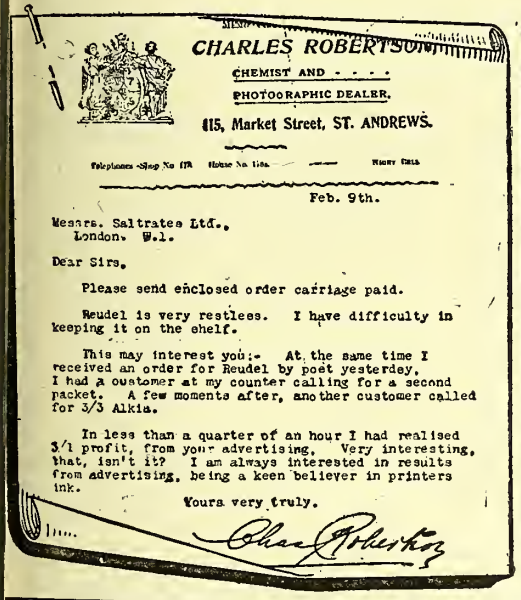
The Best Selling and most fragrant refreshing, and all-round satisfactory preparation for the Bath and for General Toilet purposes. Especially recommended in cases of FOOT TROUBLES, RHEUMATIC PAINS, STIFFNESS, STRAINS, SPRAINS, etc. Always extensively advertised.



Sells at 2/- and 3/3 P.A.T.A.

FROM THE TRADE

Chemists' remarkable testimony. Like Mr. L. D. Lewis of Harlesden and many others, they write us to tell how restless they find their stocks of these two preparations. NOTE.—The following statements were sent to us without solicitation of any kind.



CHARLES ROBERTSON
CHEMIST AND - - - -
PHOTOGRAPHIC DEALER.
115, Market Street, ST. ANDREWS.

Telephones -Shop No 178 House No 1184 Night Bell

Feb. 9th.

Messrs. Saltrates Ltd.,
London. W.1.

Dear Sirs,

Please send enclosed order carriage paid.

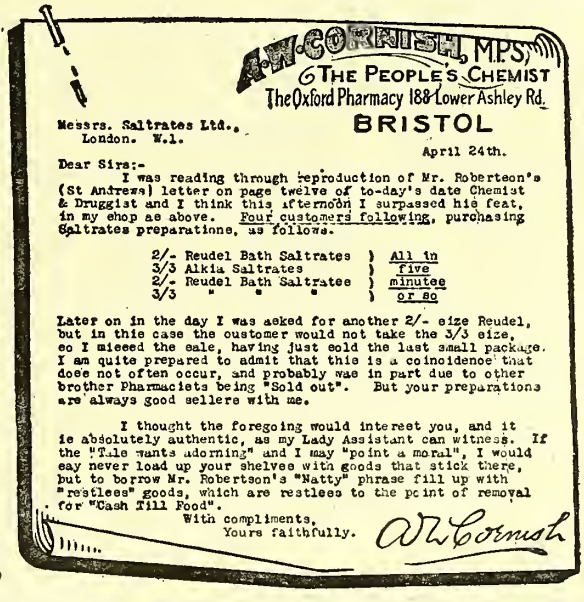
Reudel is very restless. I have difficulty in keeping it on the shelf.

This may interest you:- At the same time I received an order for Reudel by post yesterday, I had a customer at my counter calling for a second packet. A few moments after, another customer called for 3/3 Alkia.

In less than a quarter of an hour I had realised 3/1 profit, from your advertising. Very interesting, that, isn't it? I am always interested in results from advertising, being a keen believer in printers ink.

Yours very truly.

Chas Robertson



A. W. CORNISH, M.P.S.
THE PEOPLE'S CHEMIST
The Oxford Pharmacy 188 Lower Ashley Rd.
BRISTOL

Messrs. Saltrates Ltd.,
London. W.1.

April 24th.

Dear Sirs:-

I was reading through reproduction of Mr. Robertson's (St Andrews) letter on page twelve of to-day's date Chemist & Druggist and I think this afternoon I surpassed his feat, in my shop as above. Four customers following, purchasing Saltrates preparations, as follows.

2/-	Reudel Bath Saltrates	All in
3/3	Alkia Saltrates	five
2/-	Reudel Bath Saltrates	minutes
3/3	" " "	or so

Later on in the day I was asked for another 2/- size Reudel, but in this case the customer would not take the 3/3 size, so I missed the sale, having just sold the last small package. I am quite prepared to admit that this is a coincidence that does not often occur, and probably was in part due to other brother Pharmacists being "Sold out". But your preparations are always good sellers with me.

I thought the foregoing would interest you, and it is absolutely authentic, as my Lady Assistant can witness. If the "Tale wants adorning" and I may "point a moral", I would say never load up your shelves with goods that stick there, but to borrow Mr. Robertson's "Natty" phrase fill up with "restless" goods, which are restless to the point of removal for "Cash Till Food".

With compliments,
Yours faithfully.

A W Cornish

YOU CAN STOCK THESE GOODS ON GUARANTEED SALE TERMS.
Carriage Paid in United Kingdom on orders for three dozen, which may be assorted.
Showcards of strong selling power sent free on request.

Write for particulars of our Special Offer of

REE BONUS, FREE CASES, FREE CARRIAGE.

BUILDINGS, LONDON, N.W. 1.

WE HAVE STRUCK an immediate success with

"OLIVENE"

Extract of Malt combined with Olive Oil

This preparation meets the case where Cod Oil cannot be taken; thousands of people nauseate at the very thought of it—don't lose orders, recommend "Olivene" in such cases. Many customers have already sent in repeat orders. Pamphlets and tasting sample cheerfully mailed on receipt of a postcard.

Telephone: Hop 2415.

ROBERT BLACKIE

Shen Works, Tower Bridge Road, London, S.E. 1

Telegrams: "Ushenspuna," London.

Dr. DE JONGH'S

LIGHT BROWN

COD LIVER OIL

IN IMPERIAL HALF-PINTS, **4/-**

ANSAR, HARFORD & CO., LTD.

182 Gray's Inn Road - - LONDON

SOLE CONSIGNEES.

Dr. Allinson's Food Preparations

FOR ALL AGES AND CONDITIONS OF HEALTH AT FIRM AND PROTECTED PRICES.

Food for Babies, Prepared Barley, N. F. Cocoa, Biscuits, Wholemeal, &c.

See Trade Mark "T. R. Allinson" on all our goods—None Genuine Without.

SPECIAL NOTICE.

We issue a list of WHOLESALE HOUSES who keep above in stock, if for any reason you have difficulty in obtaining supplies, please send postcard direct to us, and a list will be sent to you by return.

NATURAL FOOD COMPANY, Ltd., Cambridge Road, Bethnal Green, LONDON, E.

All advertising matter—Booklets, Window Displays, Showcards, etc., free on application.

N.B.—Our goods are to be sold only at prices stated upon the Price List we issue to the trade, and we are pleased to exchange any article which may be out of condition.

VITAMINAX BRAND

PURE LOFOTEN COD LIVER OIL

Manufactured by *Johan Didrichsen, Kristiania, Norway.*

ESTABLISHED 1890.

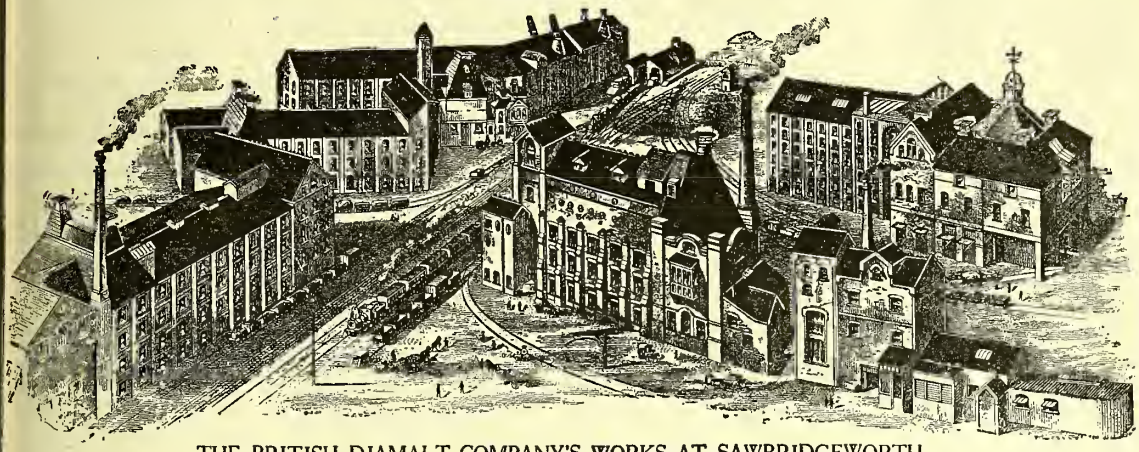
Proprietor of Elle Fabriker.

All possible care has been shown from the very first in the production of this Oil in order to maintain the highest degree of **Vitamines.**

Wholesale only. *Tel. Add.: "Johandi, Kristiania."*

MALT EXT. WITH COD LIVER OIL

Direct from the Actual Manufacturers.



THE BRITISH DIAMALT COMPANY'S WORKS AT SAWBRIDGEWORTH.

City Office—**9 Holborn Viaduct, London, E.C.** *Northern Office*—**Arcade Bldgs., 85 Lord St., Liverpool**

You Cannot Buy Better!

MALT EXTRACT
MALT & COD LIVER OIL

Ask for Samples and Prices.

Also in attractive Containers, with client's own name and address.

JEFFREYS, MILLER & CO., Ltd.

Leyland Mills, WIGAN.

THE LICENSES & GENERAL INSURANCE CO., LTD.

VICTORIA EMBANKMENT, *next* **Temple Station, W.C.2.**

TELEPHONE NOS.: CENTRAL 7360-1.

CAMWAL

3 NEW PROFITABLE LINES

Pearlspring Health Salts
Rubine (The Smokers') Tooth Paste (P.A.T.A.)
Aquaperia Salts (P.A.T.A.)

HANDSOME PROFITS ASSURED. WINDOW DISPLAYS.

Home and Export Prices and Terms on Application.

"CAMWAL" Ltd., LONDON, MANCHESTER, BIRMINGHAM, BRISTOL, HARROGATE.
City Office: 52 Queen Victoria Street, LONDON, E.C.4.

WINCARNIS

Sells readily ALL the time

COLEMAN & CO., Wincarnis Works, NORWICH.

IMPORTANT NOTE TO CHEMISTS WITHOUT LICENCES

It has been established by law that Registered Chemists may sell "Wincarnis" with Quinine *without* a licence.

If you want good value in

FOREIGN & BRITISH WINES

ALSO

"CROWN BRAND" LIEBIG'S MEAT AND MALT WINE

"WIN-FERRO" TONIC BLOOD WINE

B.P. ORANGE QUININE WINE

GINGER, B.P. ORANGE, RAISIN

and Other Wines

Write to

LAMB & WATT, Ltd.

48 ST. ANNE ST., LIVERPOOL

FOR PRICE LIST.

Established 1847.

Highest Awards at all International Exhibitions where shown.

Dr HALE'S VIN-SANGUIS WINE FOR THE BLOOD

Fountain of Health

If you have a Wine License we will pay the fee.

If not, get one, we will pay.

You agree to display "Vin Sanguis" always.

You give us an agreed initial order.

You always keep stock

Send for any further particulars

PROPRIETORS OF DR. HALE'S VIN-SANGUIS

Transcontinental Agencies Ld

14, Southampton St., London, W.C.2

MADE WITH OLD DOURO PORT

VANGE MEDICINAL WATER

From "The WONDER WELL."

We are the sole bottlers, under a blue label, of water taken direct from the only medicinal well actually situated in VANGE, Essex.

Our well at Luncies Farm, Vange, is over 150 feet deep, and being on the main underground medicinal stream large quantities are available. It has for over 50 years past been famous locally for its medicinal properties, and a well-known London Analyst, as late as 12th October, 1922, reports :—

"This water is highly mineralised, and may be regarded as a natural mineral water of mild laxative properties. It is very similar in general characters with Continental Mineral Waters, and is, in my opinion, quite equal to them in its general properties."

A copy of his analysis will be sent on application.

There is a great demand for genuine Vange Water, and advertising is being extended. We have made provision for almost immediate delivery at following prices :—

One Dozen in Case **19/-**, less 2½% for cash with order, carriage paid. Packages free. Bottles must not be sold at less than **2/3** each.

Head Office :—

THE VANGE CRYSTAL WELL CO.

WAKERING ROAD, BARKING, ESSEX.

PURE ORANGE WINE

A. MILLAR & CO., LTD., DUBLIN

NUM AURANTII B.P.) Prepared in strict accordance with the Formula of the British Pharmacopœia. (Wholesale only.)
Samples from Head Office, Thomas Street, DUBLIN, or London Office, 43 Great Tower Street, LONDON, E.C.3.

Alcohol for Industrial Purposes

Duty-Free Spirit.

The Industrial Spirit Supply Company, Limited.

Agents : HONEYWILL BROS., Ltd., 79 MARK LANE, LONDON, E.C.3.

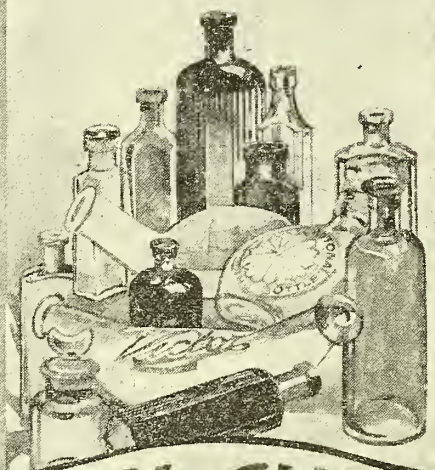
BOTTLES

and Glassware of Every Description for The Trade

WHOLESALE ONLY

In all colours

MEDICAL FLATS
PANELS
VIALS
POISONS
LYSOLS
LIMES
KALIS
MEXICANS
PERFUMES
FEEDING BOTTLES
&c., &c.



LAX & SHAW
LIMITED.

Albert Glass Works, Hunslet, Leeds.

BELINDA GLASS WKS. HUNSLET. CLARENCE GLASS WKS. HUNSLET.
TELEGRAMS FEEDERS, LEEDS TELEPHONES 27047, 23080

A. Ruch & Co.

ESTABLISHED 1880.

G. GRANT FORSYTH.
R. BRUCE FORSYTH.
W. FRASER FORSYTH.

TRADE MARK

GLASS BOTTLES
of every description.

ENQUIRIES INVITED

28 Martin Lane, Cannon St., London, E.C. 4.

Telegrams: "Sennock, Cannon, London." Phone: Central 4799.

BOTTLES

Retail at Wholesale Prices.

SPECIAL THIS MONTH.

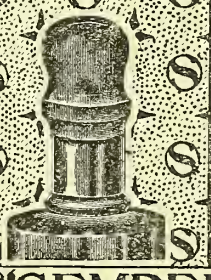
Cough Panels, White Flint Panels, and Hygienic Feeders

I. ISAACS & CO., Glass Bottle Manufacturers,
106 Midland Road, N.W.1.

OLDEST BOTTLE HOUSE IN THE TRADE.

ESTABLISHED 100 YEARS.

'Phone: Museum 4209. Telegrams: "Isaglasbot, Kincross, London."



SELF-FIXING
HERMETIC
WASHABLE
BOTTLE CAPS
ARE
ELEGANT
EFFICIENT
STRONGEST
CHEAPEST
and BEST.

The VISCOSE Development Co., Ltd.
BROMLEY :: :: KENT

'SEMREH' SELF-FIXING BOTTLE CAPS

TRADE OPPORTUNITIES.

From time to time we intend to offer the trade Special Lines at very low prices to clear, and Buyers should watch our advertisements carefully.

WE OFFER AT PRESENT 4 LINES AS UNDER.

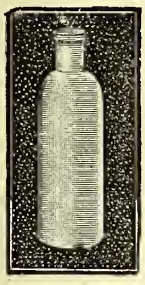
4 oz. **GREEN KALIS** @ 3/- per gross nett.

12 oz. **FLINT GLASS KALIS** second quality unselected @ 7/- per gross nett.
(This bottle is specially suitable for filling with Liquid Blacking, Furniture Polish etc.)

2 oz. **GREEN POMADES** for corks, 2/6 per gross nett, suitable for any dark or coloured contents.

2 oz. **GREEN PANELS** 6/6 per gross nett, suitable for Cough Mixture, etc.

☞ NOT LESS THAN ORIGINAL CRATE LOTS SUPPLIED.


LIME.

KALI.

MEDICAL.

JULES LANG & SON,

CHARLTON WORKS, CHARLTON PLACE, ISLINGTON, LONDON, N.1.

(Opposite Agricultural Hall.)

Telephones:—
North 2770–2 (3 lines).

Telegrams:—
"Assorted, 'Phone, London."

Codes:—A B C, 5th Edition. Scott's 10th Edition (1906). Bentley's Complete Phrase Code.

There is *one* thing which we do better

We are not equipped to do every kind of printing. Long run wrapper work in plain letterpress or colours is our special job.

Our machines are specialised. Our minders know how to make the most of them.

The advantages which we offer in quality and price will show you how to save money on large printing orders.

If you are a large user of—

BAGS, LABELS, CARTONS or WRAPPERS

for Soap, Medicines, Drinks or any similar proprietary article, ask us for a quotation.

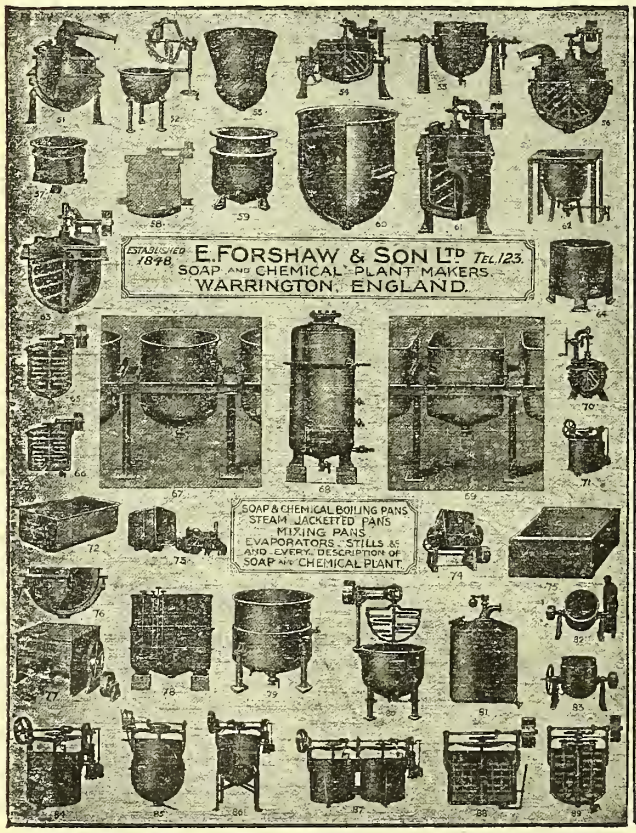
We have no outside representatives.

It will pay you to send your specification and let us quote.

Write Dept. C.

The Berkshire Printing Co. Ltd.

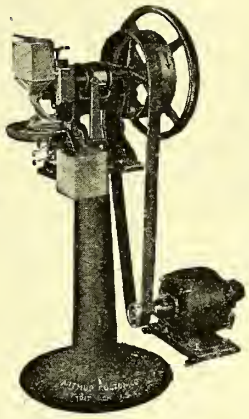
King's Road, Reading.



Colton Pharmaceutical Machinery

PILL MACHINES
TABLET MACHINES
GELATINE COATERS
GRANULATORS
POLISHING PANS

SUPPOSITORY MOULDS
TRITURATE MACHINES
PASTE MIXERS
TUBE FILLERS
CLIP FASTENERS
NICKELOID CLIPS
ETC.



No. 2B Tablet Machine

TABLET MACHINES

The ever-increasing demand for Compressed Tablets of a high quality and finish, necessitates the most up-to-date machinery. Colton Tablet Machines are made in a series of models to cover the very wide range of sizes of tablets at present on the market and are adapted for either small or large output.

The No. 2B Model, illustrated, is a most efficient machine with an output of 100 Tablets per minute.

The No. 3 Rotary Machine has an output of 350 Tablets per minute and, when fitted with triple punch holders, an output of 1,100 per minute.

Machines are on view at Kingsway, or prices and specifications will be sent on receipt of enquiry stating full details.

PHONE: GERRARD 2621.
TELEGRAMS: "GRAMME, WESTCENT, LONDON."

Sole British Agents:

JOHN J. GRIFFIN & SONS, LTD.,
KEMBLE STREET, KINGSWAY, LONDON, W.C. 2.

DAWSON BROS., LIMITED.

The World-Renowned Bottle-Washing Machine Makers.

To suit all Descriptions of Bottles. Large or Small Output.

No. 21. Treadle Bottle-Washing Machine.
Most Suitable for Manufacturing Chemists.

VENTNOR IRON WORKS, GOMERSAL, Near LEEDS.
EASTWOOD RD., SOUTH WOODFORD, LONDON, N.E.

Write for Complete Lists.

NEW PATENT AUTOMATIC COLLAPSIBLE TUBE FILLING, CLOSING AND CLIPPING MACHINE

Suitable for all Pasty Compositions.

ENORMOUS LABOUR SAVING.

NEW PATENT AUTOMATIC WRAPPING MACHINE

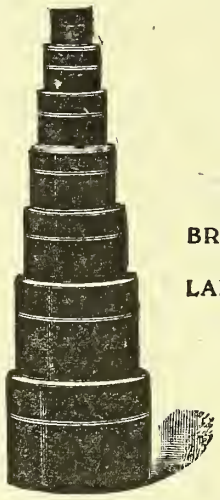
for all square, rectangular and round packages.

Suitable for Soup Squares, Edible Fat, Soap, Cubes of Laundry Blue, Jelly, &c. &c.

Write for particulars to Sole Patentee and Maker:

E. COWLES, Hounslow, LONDON, W.

ALL BRITISH MADE



BY BRITISH LABOUR.

MENTION

ROBINSONS' MAKE

WHEN ORDERING FROM YOUR WHOLESALE HOUSE YOUR NEXT SUPPLY OF

PILL BOXES

SUPPORT HOME INDUSTRIES.

ROBINSON & SONS, LTD.

BOXMAKERS TO THE CHEMIST TRADE

CHESTERFIELD.

60

A

PHILIP JOSEPHS & SONS LTD.

SHOWCASE QUICKLY EARNS ITS COST.

Try One!

93 OLD ST., LONDON, E.C. 1.

Phone—2191 Clerkenwell. Wires—"Josiphiah London."

SHOWCASES

UPRIGHT CENTRE CASES, WALL CASES, GLASS COUNTERS, MIRRORS, WINDOW FITTINGS, GLASS SHELVES, SHOW STANDS, DRAWERS, DESKS, CHECK TILLS, &c. Immense Stock. NEW and SECOND-HAND.

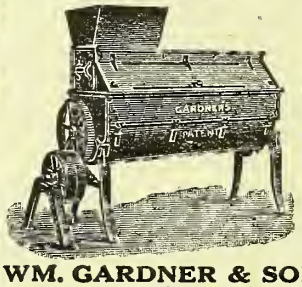
Ready for Immediate Delivery. For Sale or Hire.

FREDERICK MAUND,

169 Old St., LONDON, E.C. 1.

GARDNER'S PATENT

"RAPID" SIFTERS & MIXERS



OVER 6,000 working in almost every Trade where POWDERS are Sifted and Mixed and Lumps Reduced, all being done at one operation and without loss by dust.

FOR HAND OR POWER.

CATALOGUES FREE.

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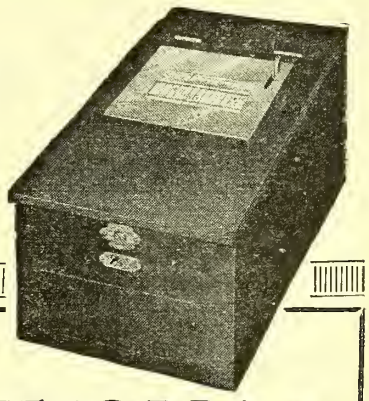

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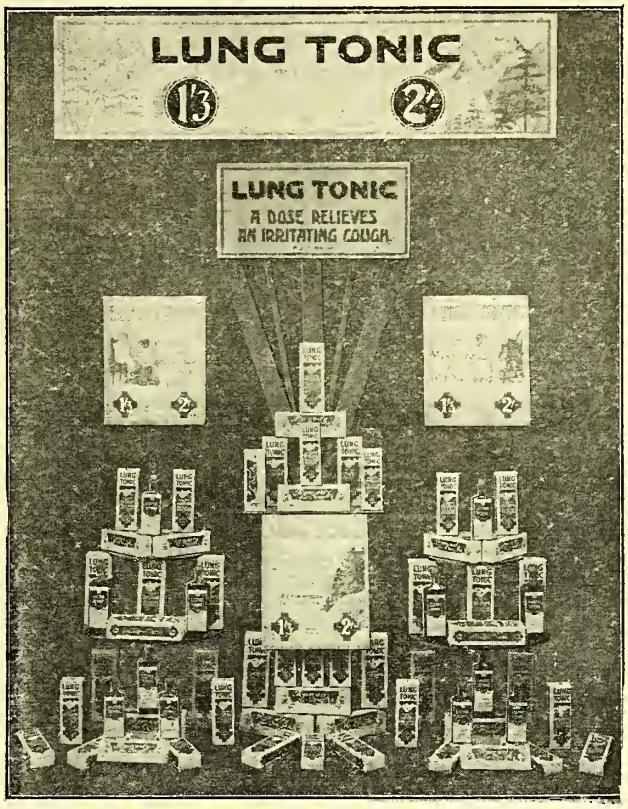

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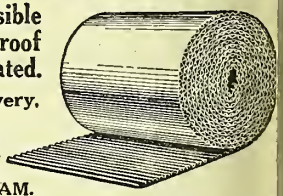

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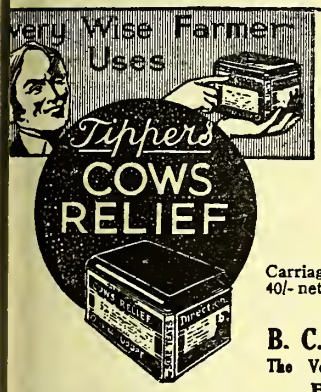

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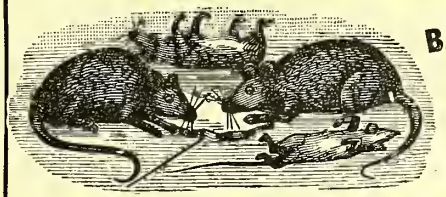

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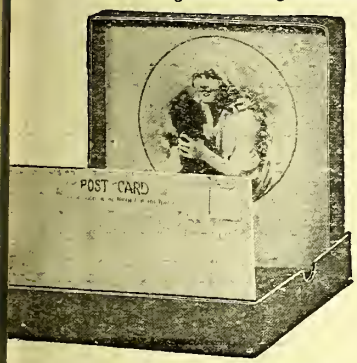

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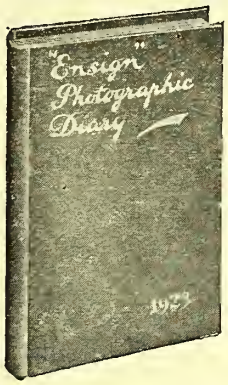

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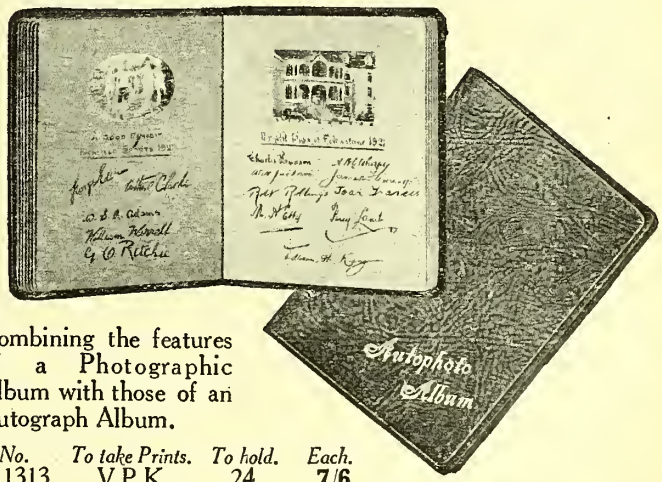

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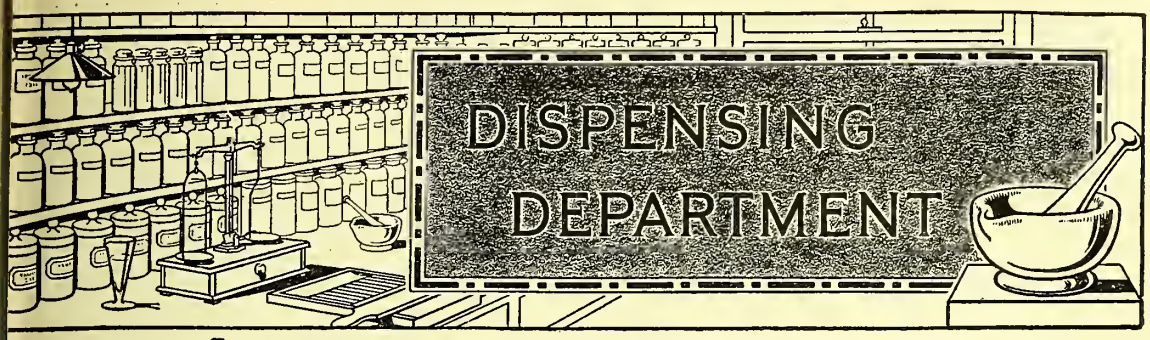

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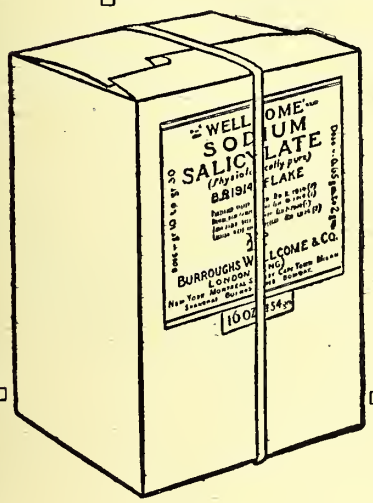

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Business Changes

BOOTS, LTD., are opening a shop in Waterloo Station, London.

MR. A. V. LESTER, chemist and druggist, 5 Station Road West, Canterbury, has opened a pharmacy at 3 The Borough.

MR. JOHN MCFADZEAU, L.P.S.I., M.P.S., has acquired the business of Mr. G. A. Yates, chemist and druggist, High Street, Dulverton.

MR. J. B. SAWYER, chemist and druggist, has taken over the business of the late Mr. C. H. Chester, chemist and druggist, Station Road, Ainsdale, Southport.

MR. JOHN GOWER, chemist and druggist, has opened a pharmacy at The Square, Llanharan. Mr. Gower was formerly manager of the Bridgend branch of Boots, Ltd.

MR. E. HARRISON, chemist and druggist, has taken over the business of Mr. H. Rogers Jones, chemist and druggist, Llandudno Junction, Conway, and Glan Conway.

English and Welsh News

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections.

Dental Board

The Registrar of the Dental Board of the United Kingdom, 44 Hallam Street, London, W. 1, gives notice that on November 1 notices were issued to those who were registered on or after July 28, 1921, reminding them that a fee of £5 is payable if they desire their names to be retained on the Dentists' Register for 1923. If there are any of these persons who have not received a notice in course of post, they should communicate with this office without delay. All applications for dental registration under Section 3 of the Dentists Act, 1921, must be made within the interim period. The interim period will come to an end on November 30, and any persons who desire to make application, and have not yet done so, should write without delay. The Dentists' Register for 1923 will be published at 10s. 6d., or post free 12s. Copies, however, which are ordered and paid for prior to January 1, 1923, will be supplied at 7s. 6d., or post free 8s. 6d.

Applications for registration have been received from the following persons on the grounds that they are pharmaceutical chemists or chemists and druggists, and that immediately before July 28, 1921, they had a substantial practice in dentistry in the course of which they personally performed such operations and gave such treatment, advice and attendance as are usually performed and given by dentists. Any objection to registration must be lodged within one calendar month from November 1, and must be supported by evidence sufficient to show a *prima facie* case against registration.

Boon, John Harold, 102, Church Street, Gainsborough.
Davies, Evan James, Glyn, New Quay, Cardiganshire.
Taylor, David, 117, 130 and 130A, Divis Street, Belfast.
Unsworth, Thomas, Ballynahinch, Co. Down.
Uren, Ernest Frederick, Copperhouse, Hayle, Cornwall.
Weir, Alexander Sim, Kemnay, Aberdeenshire.

Mr. W. R. Russell, hon. solicitor of the Chemists' Dental Society, together with the hon. secretary, attended before the Registration Committee of the Dental Board on October 24 and October 26 on behalf of several chemists, members and non-members. In those cases where registration was not acceded to, some concession was allowed or adjournment for the production of further evidence of substantial practice.

Society of Apothecaries of London

At the Assistants' Examination held on October 23, 25 and 26, the following candidates were granted the certificate of qualification to act as an assistant to an apothecary in compounding and dispensing medicines:—

Asdell, M. K.
Auty, E. E.
Bannehr, M. C.
Baron, L. M.
Bateman, M. M.
Billing, L. M.
Bussey, W. M.
Carden, E. E.
Case, E.
Chancellor, M. A.
Collins, M. M. P.
Craig, N. M.
Crocker, K. M.
Davies, G. W.
Desarzens, M. M.
Donovan, M. P.
Dunk Collins, N. E.
Fryer, V.
Gage Brown, S. E.
Gilbert, E. N.
Goodwin, E. G.
Gordon, D.
Grant, J. N.
Hall, M. M.
Hargreaves, G. W.
Hargreaves, G. G.
Harvey, E. G.
Hermon, K.
Hickman, D. R.
Hobbs, M.
Humphreys, M. R.
Inglis, K. M.
Langhorne, O. F.
Law, E. K.
Love, E. R.
McDaniel, F.
Mansell, R. E.
Mapp, M.
Marsden, S. F.
Moore, H. M.
Moore, M. B.
Morgan, L.
Parkinson, G. J.
Pendleton, E.
Phillips, W. M. P.
Prince, N. A.
Reid, E.
Robinson, J. M.
Rundle, E.
Salmon, J.
Shaw, G.
Sheen, N.
Shepherd, V.
Siviter, B.
Stent, B. W.
Strahan, M. S.
Strangward, D. M.
Tennyson Smith, E. M.
Thomas, M. I.
Tovey, I. J.
Tupling, M. M.
Wake, F. A. H.
Wakeman, H. M.
Wallis, M. D.
Ward, F. E.
Webster, A. H.
Wyatt, S. C.

Window-dressing Awards

The following awards in window-dressing competitions are reported :—

At a shopping week competition held at Pontefract, the first prize in a class open to chemists was awarded to Mr. H. P. Clayton, the second to Boots, Ltd., and the third to Mr. J. Taylor.

At a shopping week competition held at Oldham, a second prize was awarded to Mr. F. Davies for his display in the section "Things to Use"; Mr. W. Garside, chemist and druggist, was highly commended.

In a competition held during a shopping week at Mansfield, Mr. J. H. Collins gained the first prize in the class open to chemists, and also the third prize in the championship class. The second prize went to Mr. J. A. Pegg, and the third to Mr. A. H. Bell, Ph.C.

Poisonings

The following cases of fatal poisoning, among others, have been recorded since our last report :

At Hampstead, London, N.W., the infant daughter of Colonel Tiemwell died from the consequences of lysol poisoning, the occurrence being classed at the inquest as "misadventure."

Mr. F. A. Thurston, secretary of the Newent Drug Co., Ltd., Cheapside, Newent, writes pointing out, with reference to an inquest reported in our last week's issue (p. 590), that it was clear from the evidence of the company's manager that only eight 8-oz. bottles of mixture were supplied to the late Mrs. Sands, and this happened eighteen months ago. In view of the jury's remark, the directors of the company wish to remove any possible misunderstanding.

At Colne, on October 26, an inquest was held on the body of Lucy Huddleston, housemaid in the service of Mr. A. P. Sager. The evidence showed that the girl died as the result of strychnine poisoning. Daniel Atkinson, chauffeur, said he purchased the strychnine for the purpose of destroying vermin. The bottle was kept in the potting shed. The Coroner : It is a foolish thing to keep poison lying about on a shelf, is it not?—It all depends. The Coroner : I don't think it depends at all. All poisons ought to be kept under lock and key. The coroner put similar questions to the gardener and to a medical witness, who said that the girl had taken 30 times a fatal dose of strychnine. A verdict of "Suicide while of unsound mind" was given.

Theft Charges

At Sandwich, recently, Sidney Foord (14) was charged with breaking into the premises of his employer, Mr. Wilfrid Brierley, chemist and druggist, 4 New Street, and stealing a 10s. Treasury note. The Bench placed him on probation and fined him 25s.

At the Central Criminal Court, on October 26, the hearing was concluded of the case against Charles Harrison, counterman, Sidney Robert Mansfield, traveller, and Harry Bogdanor, chemist and druggist, who were charged with stealing and receiving drugs from a warehouse at High Street South, East Ham, the property of Burgoyne, Burbidges & Co., Ltd. (*C. & D.*, October 7, p. 488). Harrison pleaded guilty to stealing the drugs, and the jury, after a trial lasting three days, found Mansfield guilty of conspiracy and stealing and receiving, while Bogdanor was found guilty of receiving. Two other defendants—Wilfred Pomerantz, described as a chemist, and Solomon Bogdanor, traveller—were also charged, but the jury stopped the case against them, and they were discharged. Mr. G. D. Roberts, who appeared for the prosecution, said that Harrison had been employed by Burgoyne, Burbidges & Co., Ltd., for about twenty-two years. Harrison gave evidence for the prosecution, and admitted that he had been stealing drugs and chemicals from his employers for about nine months. They were disposed of through Mansfield, whom he approached on the matter, but he declared that the money he was to receive for them had not been paid to him. Detective-Sergeant Copley said that Harrison had taken the responsibility for the thefts, but he was not responsible for all the chemicals which had been stolen. The Common Serjeant said that Harrison abused the trust of his employers and stole from them over a period. The only thing in his favour was that he took the blame on himself. He would have to go to prison for nine months in the second division, while Mansfield would be sentenced to six months in the second division. The case of Harry Bogdanor was different from that of the others. If he (the judge) had the slightest suspicion that the defendant was a professional receiver a heavy sentence would have been imposed. His lordship, however, took the view that when he commenced to receive the drugs he did not know that anything was wrong. Still, it was soon borne upon him that the goods were stolen, and he continued to receive them. His health was bad, and as it was an isolated case of receiving justice would be met by binding him over in the sum of £10 to come up for judgment if called upon.

Birmingham

The charges for gas and electricity are to be reduced.

The coster's barrow, a feature of Birmingham's market centre, has been banned from the Bull Ring owing to traders' complaints.

Following the recent analyses of Insurance medicines, prominence is being given in the local Press to the subject of faulty dispensing.

The "Structure of the Atom" formed the subject of a lecture by Sir W. L. Bragg before the members of the Midland Institute on October 30.

Wireless broadcasting began in Birmingham on October 28, the first message being an appeal by Mr. C. S. Baynton, chemist and druggist, on behalf of the Lord Mayor, for financial help for the hospitals.

Mr. Lawrence C. Tipper was presented on October 24 with an illuminated replica of the Corks war memorial by the Caledonian Corks of Birmingham, in recognition of his services as the initiator of the war memorial scheme of the Order in the City.

In his latest quarterly report, the City analyst, Mr. J. F. Liveseedge, F.I.C., Ph.C., calls attention to the discrepancy between the constituents of egg-substitutes and those of eggs. He also refers to the misleading manner in which the artificial preparations are labelled.

Liverpool

"To-day's bargain" is a growing feature of window-dressing.

The tenders of R. Sumner & Co., Ltd., for drugs, Evans, Sons, Lescher & Webb, Ltd., for druggists' sundries, and Alexander & Fowler and M. Masters & Sons, Ltd., for surgical appliances, have been accepted by the West Derby Guardians.

At Liverpool Police Court, on October 30, William T. Parker and Alfred Cunningham were remanded on a charge of assaulting Mr. Franklin Byram, drug-store proprietor, 303 Breck Road, with intent to rob him. According to the police evidence, the accused obtained admission to Mr. Byram's shop after closing-time on October 28 on the pretext of having a prescription to be made up and forced him to the floor.

On the closing of the offices of R. Sumner & Co., Ltd., during the funeral of the late Mr. A. M. Hugill, Ph.C. (see *C. & D.*, October 28, p. 597), the secretary of the company (Mr. Kenyon) addressed the staff, remarking that a few present had been associated with Mr. Hugill for nearly 40 years, and the newer hands would realise with them that they had all lost a great, a just, generous and good employer. Having read a letter from Mr. Gordon Morum, acknowledging the expressions of sympathy, the secretary asked all to stand in silence and prayer for two minutes.

Manchester

Mr. A. Hershberg, chemist and druggist, Cheetham Hill Road, has been re-elected President of the National Association of Opticians.

Councillor J. W. Dorran, chemist, Stamford Street, Brooks's Bar, as chairman of the Stretford Libraries

Committee, presented, on October 25, a hundred books to St. Alphonso's Elementary School, Old Trafford. The books have been selected by the teachers. Councillor F. W. Bates, J.P., chemist, Brooke's Bar, accepted the gift on behalf of the Stretford Education Committee, of which he is chairman, and remarked that he believed that such a scheme had only been carried out in one other centre in England.

Sheffield

Mr. Bernard Ellis, barrister and pharmacist, who is taking an active part in the municipal elections, recently came in for the attention of a rough crowd, but gave a good account of himself.

Chemists inconvenienced by the water supply being shut off for long periods should communicate with the manager of the city water department, who has promised to meet the difficulty so far as possible.

We understand that the local chemist who was asked for an explanation on the percentage of cod-liver oil in the malt extract he supplied for an Insurance patient has scored, it being proved that the prescription was correctly dispensed.

Mr. E. S. Carey, son of S. G. Carey, chemist and druggist, has obtained a technical bursary for 5 years, tenable at King Edward VII. School, and the Faculty of Applied Science of the University of Sheffield. Mr. Carey's daughter has also been successful in obtaining an open scholarship.

Miscellaneous

Money orders to the United States may now be sent of the maximum value of £40, instead of £20.

Poison-licence applications.—T. Bradridge & Co., Ltd., corn merchants, have applied to the Essex County Council for licence to sell agricultural and horticultural poisons at Great Bardfield and Halstead.—An application for a similar licence has been made to the local authority by Mr. Sanders, nurseryman, St. Albans.

Drug-traffic cases.—At Hull, on October 27, Andrew Sweeney and George H. Weaver, seamen, were each ordered six months' imprisonment for being in unauthorised possession of cocaine. The amount in Sweeney's case was stated to be 300 gr.—At West Ham Police Court, on October 31, a Chinese fireman was sentenced to two months' hard labour for being in unlawful possession of 1½lb. of opium.

Mansfield shopping carnival.—In connection with the window-dressing competition of the Mansfield shopping carnival, held this week, Mr. J. H. Collins, chemist, has obtained a first prize for an effective display of Erasmic preparations, and also a prize in the special class for best window-display irrespective of trade. Awards were also given to Mr. J. A. Pegg, chemist, for a show of Bush's lavender water, and to Mr. A. H. Bell, chemist, with a window of local honey. The local manufacturers are also holding a special exhibition during the carnival, and Mr. Collins, proprietor of the Mansfield Food Products Co., is showing his series of Lemola food products.

In the Courts.—At Bow Street Police Court, London, on October 26, Claude L. S. Ramsay, shipper, and six other defendants, were charged with fraudulently conspiring with others to obtain, *inter alia*, goods to the value of £600 from the British Cellulose and Chemical Manufacturing Co., Ltd. The hearing was adjourned.—At the Marlborough Street Police Court, London, on October 27, the hearing of the charge of conspiracy against Noel Blake Ducker, company director (*C. & D.*, October 28, p. 585), was continued, and was again adjourned.—At Farnham, on October 27, Dorothy Spring, Grimsby, described as a chemists's assistant, was remanded on a charge of taking poison with intent to commit suicide.

Inquest.—An inquest was held at Shipton Thorpe, on October 26, on the body of Mr. R. N. S. Sinderson, chemist and druggist, Pocklington (see p. 633), who was killed in a collision with a motor-lorry near the village on the evening of October 24. According to evidence given, Mr. Sinderson was riding a motor-cycle, and after passing a motor-lorry failed to see a second one, into which his machine ran. Death, said a medical witness, was instantaneous. The coroner, in summing up, said that Mr. Sinderson had been dazzled by the bright light. Glaring lights were horrible things on the road at night, and he condemned them very strongly indeed. The jury returned a verdict of "Accidental death, caused by the glaring headlight."

Cremation and the certification of death.—Speaking at a conference of the Cremation Society of England, held in London on October 26, Sir William Willcox dealt with the desirability of further safeguards prior to cremation. Medical certificates, added Sir William, were at present granted in a very casual way. It was not necessary under the present system for a doctor to satisfy himself that death had taken place before granting a death certificate. There were numerous instances where certificates had been given where the person was not dead. "It is obvious," he said, "that when a person has been poisoned all trace of poison will disappear if the body be cremated. This danger is guarded against as far as possible by the demanding of two certificates from the ordinary medical practitioner and one from a specialist."

Irish News

Irish Chemists' Social

A social meeting of the North Irish Pharmacists' Association was held in Belfast on October 26, Mr. James Dundee (President) in the chair. After tea a discussion took place regarding a first-aid class, for which there are over forty applications, and it was decided to form a class under the auspices of the Association. The first meeting is to take place on November 6. The office-bearers and members of the N.I.P.A. propose to pay all the expenses of the class, and the President reminded the assistants and apprentices that they would be pleased to have them as Association members and see them as such take their part in the various activities of the Association. Mr. Breakey contributed songs and Mr. McCandless gave a recitation. Mr. M. McDonald dealt in racy fashion with present-day pharmacists' problems, and supported the claim for the advancement of the preliminary education to matriculation standard. At the request of the President, Mr. McDonald promised to read a paper to the Association at a later date. Mr. F. T. Storey, President of the Chemists' and Druggists' Society of Ireland, who was present as a guest, was welcomed by the President. Mr. Storey undertook to communicate particulars of the new class to members of his Society, to whom also it is open.

Brevities

Mr. R. Cambridge, J.P., R.D., Carrickfergus, has been elected a member of the committee of the Northern Banking Co., Ltd., Belfast.

At Belfast Recorder's Court, recently, Alice Murphy was charged with attempting suicide by drinking cresolene on July 23. She was bound over.

Mr. Huston Lancashire, J.P., Ph.C., was among those presented to the Lord Lieutenant of Ireland during the recent visit of his Excellency to Ballymena.

The overhead portion of the premises of the Breffni Pharmacal Co., Ltd., Manorhamilton, has been taken over as temporary quarters for the new Civic Guard.

Mr. R. F. McCartney, M.C.P.S.I., Coleraine, acted as judge in the recent Coleraine Motor Cycle and Light Car Club championship races at Magilligan. Mr. McCartney acted in a similar capacity at the County Londonderry motor-cycle races.

At Dungannon Petty Sessions on October 28, Police-Inspector Walshe advocated legislation to make it compulsory for vendors of methylated spirit to keep a register of sales and the names of the purchasers, and the purpose for which it was required.

Addressing a temperance meeting at Armagh, the Rev. D. Dowling advised people to keep their eyes on the druggists, who, he said, were doing much harm in certain districts by selling "blow hard" or methylated spirit for human consumption.

Scottish News

Brevities

Another "rat week," commencing November 20, is to be held throughout Scotland.

Provost W. Smart, chemist and druggist, Buckhaven, has started a movement to form a museum of burgh history, and is collecting old prints, views, or other records of the towns in the burgh.

Travellers for sundries houses, who have commenced their Christmas journeys, are carrying many novelties in the perfume and toilet lines, and hopes are entertained that trade will show a considerable improvement on last year. The demand for winter remedies started earlier than usual.

Banff Insurance Committee has accepted a recommendation of the Panel Committee that certain doctors should be surcharged for excessive prescribing, to the extent of £20, in proportion to the amount exceeded by them of the 2s. limit per head allowed last year. Dr. Murray contended that the drug fund not being exceeded, it not being above the 2s. limit for the whole county, there was no need to surcharge anybody.

In moving the adoption of the report at the annual meeting of the Governors of Dundee University College, the Lord Provost said the numbers attending the College during the year under review had established a record. When he read the report and saw so many studying medicine and engineering, he wondered if, when those young men and women got through their studies, there would be positions for all of them.

Edinburgh

A local doctor is recommending five to ten per cent. solutions of resorcin in glycerine for chapped hands.

The presentation of the medallion to Dr. J. W. L. Spence (see *C. & D.*, October 7, p. 490), one of the pioneers in *x*-ray work, took place on October 25.

The death occurred on October 26 of Dr. C. G. Knott, F.R.S., reader in physics in the University of Edinburgh and general secretary to the Royal Society of Edinburgh. The funeral took place on October 30.

In the course of his address on "Some Thoughts on the Training and Career of an Industrial Chemist" before the Edinburgh and East of Scotland section of the Society of Chemical Industry, on October 27, Dr. H. E. Watt emphasised the need for a university or college training which, in pure chemistry, should be as wide as possible, specialisation in any particular branch to be left until the completion of the university course qualifying for the degree or the associateship of the Institute of Chemistry. Additional subjects of study should include mathematics and physics and, if possible, biology.

Glasgow

Some interesting facts and photographs concerning the Royal Technical College were published in the "Glasgow Citizen," October 28.

During the cross-examination of Professor Glaister in an abortion case in the High Court, on October 24, the defending advocate asked if it is not the case that crowds of young girls are paying very high prices to low-class chemists for so-called abortion mixtures, which do no harm at all? The Professor said he was afraid that the intention to do harm was present. He disagreed with the statement that they were harmless ingredients. Some of them were given with harmful intent, but they did not produce the harm intended, because, with the exception of one, which he did not propose to mention, practically all abortion drugs were useless.

JAPANESE CASEIN IMPORTS.—Imports of casein into Japan during 1921 totalled 207,234 kin (1 kin=1.3222 lb.), valued at 83,192 yen, compared with 451,208 kin, value 172,309 yen, in 1920, and 207,234 kin, value 90,638 yen, in 1919. This works out at an average yearly import of a little over 190 short tons. The greater part of Japanese import trade in casein is supplied by Australia.

Colonial and Foreign News

DRUG SEIZURES AT SHANGHAI.—Nearly half a milli taels' worth of opium and cocaine has recently been seiz by the Customs authorities from Japanese steamers ente ing Shanghai from Europe.

ITALIAN PHARMACY DEGREE.—The Government has turn down the demand presented to the Senate aiming at t introduction of the degree of doctor of pharmacy. It pointed out that the present curriculum does not justi the granting of this academical degree, since the cours in physics, botany and pharmacology are only elementar and also because pharmacists put in only two years' wo in the chemical laboratory. The Italian pharmaceuti associations are now demanding a reform of the profe sional curriculum.

SUGAR RATIONS IN GERMANY.—Beginning with Dece ber 1, sugar cards will be introduced in Germar and the amount obtainable, based on a ratio of 1 ki gram per head of the population per month, will rationed according to available supplies. Pharmaci will be required to obtain from the authorities a spec permit, indicating the amount to be supplied, and t licensed dealers in sugar are required to enter into register the amounts of sugar supplied to pharmacis hotels and institutions under these respective heading reporting each month to the authorities the amounts su plied to each category, sending in at the same time t permits and signed receipts. According to the offic statistics of the German Empire for the year 1914, t total production of sugar from beet amounted to 2,632,2 tons, obtained from 16,642,237 tons of beetroot, in 3 sugar factories. The home consumption amounted 1,280,416 tons. In addition, 1,724 tons of cane sug was imported, representing a consumption of 19.2 kil of sugar per head of the population. Of the total expo of 917,590 tons of beet sugar in 1913, 786,519 tons w exported to Great Britain.

ITALY AND FRENCH SPECIALITIES.—There is abunda evidence in Continental professional journals of a growi resentment against the French policy of excluding foreign medicinal specialities, while French proprietar find no difficulty in entering any country. Span Belgian and Italian journals have frequently drawn atte tion to this anomalous situation, and called upon th respective Governments to remedy an obvious injusti The Italian "Bollettino Chimico-Farmaceutico," in recent number (No. 18, 1922), refers to the question in leading article, which we reproduce, since this is a qu tion of equal importance to British manufacturers, w are placed at the same disadvantage as their Italian co petitors with regard to the importation of specialities in France :—

We have already on frequent occasions drawn the att tion of our *confrères*, and also of the authorities, to t damage done to Italy by France's refusal to grant reciproc to Italian products, in spite of all existing treaties. App ently our recent protests have not passed unheeded France, and have given rise to a favourable moveme which is backed by the importers of French products i Italy. However, from information lately received, we a more than ever convinced—since having profited by exp ence we have always held the same view—that unless t Italian Government closes our frontiers to French produc it will be impossible to obtain anything from France, wheth it be favourable or even equality. In the meantime c French friends and *confrères* would do well to grasp t urgent necessity of obviating so grave a step, which wo mean far more to them than to us. Italians do not obj to the admission of French products, but they desire a demand genuine reciprocity and equality of treatment, a the removal of the farcical demand that (to secure adm sion into France) the preparation must be included in so pharmacopœia, whereby it is a matter of indifferen whether the product is of real value or not. Pharm ceutical codexes should not include specialities, and is time that an end is put to deluding the public the fiction of controls, which in practice exist nowhe the best control and guarantee is the disclosure of formula on the preparation and the standing of the ma facturer, who should have to bear the full legal respo bility, civil as well as penal, for his products.

Legal Reports

ısurance Dispensing Tested.—At South-West London ce Court, recently, Mr. Charles Breese, chemist and ggist, 119, Mitcham Lane, S.W.16, answered to a mons for selling an iodide mixture deficient to the nt of 37 per cent. An inspector of the Wandsworth ough Council stated in evidence that the medicine prepared from a prescription given by a panel doctor. ss-examined, he agreed that the saving to the chemist the deficiency was very small. The defending solicitor that Mr. Breese had been in business for 32 years hout complaint, and this was saying a good deal when was considered he dealt with 15,000 prescriptions in a r. The summons was dismissed on payment of the ts.

laim under Workmen's Compensation Act.—In Shore-h County Court, on October 27, there was an applica-ı under the Workmen's Compensation Act, in which ınk Buntingford, a toolmaker, asked for the continu-e of an award of 9s. a week from F. Froud & Sons, ., 126, Dalston Lane, E.8, surgical instrument makers metal workers. It was stated for the applicant that January 20, 1921, he was working a power-press. His t slipped on the stone floor, owing to the smooth face, and he lost the first and part of the second ıt of the index finger. At the time he was earning 18s. a week. The applicant admitted that there was hing like the amount of work going on now in gical-instrument making. He now had a job at 15s. a week. For the defence it was urged that the plicant's position would not have been so good had have remained with the respondents. Judge Cluer d he considered it was for the applicant to show that went to a firm of press tool-makers, and failed to do job because of his maimed hand. It was clear he s earning more now than he would have done with respondents. He considered the applicant had not de out his case, and there would be an award for the pondents, with costs.

Damages Recovered in Hair-dye Case.—At Westminster unty Court, on October 30, Judge Tobin heard a re-tted action, brought by Mrs. Ellen Williams, Padding-ı, W., against Mr. Gersom Wright (sued as manager of ecto, Ltd.), to recover damages for injuries received er using hair-dye. Mr. Dodd, for the plaintiff, said had an abundance of grey hair. On the assurance of e defendant that the process was harmless, she had r hair treated with Inecto dye in October, 1920. ortly afterwards eczema appeared on her face and tended to her chest. She saw the defendant, who said e treatment sometimes produced such effects, but they d a treatment that would cure it. Accordingly she nsented to have her hair operated on a second time, st a year later. The eczema then extended, the hair gan to fall out, and for a time she became nearly ind. The company had gone into liquidation and the siness had been transferred to a new company. Mr. ilbury, for the defence, contended that the defendant as not liable, and called medical evidence to dispute e plaintiff's case that her injuries were the result of e applications. His Honour found that the defendant presented to the plaintiff that the process was harm-ss, although he must have known that eczema might be roduced. Judgment for plaintiff for £100, with High ourt taxed costs.

Riverside Labourer's Injuries.—In the Mayor's and City London Court, on October 30, before Deputy Judge ewell Cooper, David Gaffney, riverside labourer, made claim under the Workmen's Compensation Act against . H. Muller & Co. (London), Ltd., merchants, Holland ouse, Bury Street, for compensation for an accident at happened on October 1, 1921, on the s.s. "Batavier," en lying at Batavier Wharf. Mr. Thessiger, for plain-ff, said that plaintiff was discharging bottles of acetic id when a bottle burst and the acid burned his leg. e was taken to hospital and treated there and went ome. His leg became septic, and he was sent to South-ark Hospital, where he was an in-patient for seven weeks. He was paid compensation at the rate of 35s. a week. On February 21 the employers wrote and said they could not continue to pay 35s., but that they would pay him £1 a week. He refused that, and his case was that he was still totally incapacitated. For the defence Dr. Gardiner was called, and he said that, having examined the plaintiff exhaustively, he formed the impression that he was perfectly fitted to do ordinary heavy work on June 1. He really thought he was fit as far back as February. Deputy Judge said he would allow plaintiff 35s. a week up to March 6, less payments made of 20s. a week to June 1, when compensation would cease. Plaintiff would have his costs.

Losses in the Post.—In the Mayor's and City of London Court, on October 26, before Deputy-Judge Shewell Cooper, Ball, Hayter & Lamb, 7 and 8 Great Winchester Street, E.C., sued Stephen G. Cole, 28 Windsor Road, Newport, Mon., for £17 10s. for trade goods supplied. Mr. J. C. Berneconi, one of the plaintiffs, said he received the order from the defendant, and the goods were duly despatched by parcel post, as was his usual custom. He did not register them because he thought that unnecessary. Statements and invoices were sent. Defendant said he never received the goods, and stated that he had never heard of any business house sending goods of more than £5 in value except by registered post. The deputy-judge said he was satisfied that the goods were dispatched by unregistered post and that they did not arrive. The question was on whose shoulders the loss must fall. Mr. Gibbs, for defendant, urged that under Section 32, Sub-Section 2, of the Sale of Goods Act it was provided that

> Unless otherwise authorised by the buyer, the seller must make such contract with the carrier on behalf of the buyer as may be reasonable, having regard to the nature of the goods and the other circumstances of the case. If the seller omit to do so, and the goods are lost or damaged in the course of transit, the buyer may decline to treat the delivery to the carrier as a delivery to himself, or may hold the seller responsible in damages.

Considering the value of the goods, he said, the method adopted by the plaintiffs was not reasonable. No protection was afforded to the buyer at all. There was no legal liability on the part of the Postmaster-General. The deputy-judge said previous consignments had been sent in the same way, and he was entitled to take that into consideration. He thought the method of despatch by the plaintiffs was reasonable, and therefore the loss must fall on the defendant. Judgment for the plaintiffs, with costs.

Bankruptcy Reports

Re Evan William James, 56 and 58 Oxford Street, Mountain Ash, and 33 Rheola Street, Penrhiwceiber, Glamorganshire, chemist and druggist.—The adjourned public examination of this debtor was held recently at the Temperance Hall, Aberdare. The statement of affairs showed a deficiency of £1,975 6s. 10d. It appeared that debtor commenced business in November, 1916, without capital of his own, his father advancing him £500, which was expended on fittings. He purchased stock valued at £200 or £300, and in order to do so arranged with the bank for an overdraft. In September, 1919, he took over an adjoining shop and expended nearly £1,000 in adapting the two premises. He also opened a branch business at Penrhiwceiber. He attributed his failure to stoppages in the coal trade, especially the big strike of last year. The examination was adjourned so that further accounts could be lodged.

THE public should be educated up to the necessity of possessing more than one pair of glasses, says Mr. Lionel Lawrance—in other words, having a reserve pair. They should also be taught that different glasses are required for different occasions and for different purposes, and they should be encouraged to wear glasses according to their clothing—thus a brown frame with a brown suit, a black frame with a black suit, and, naturally, with evening dress ladies would wear no frames at all.

Trade-marks Applied for

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1922, p. 277.

(*From "The Trade-marks Journal," October 25, 1922.*)

"KEMOLITE"; for medicated clay, etc., for personal external use (3), and for all goods (48). By Phyllis Earle, Ltd., 15 North Audley Street, London, W.1. 426,902/903. (Associated.)

"PROMONTA"; for a chemical food (3). By Chemische Fabrik Promonta G.m.b.H., Weidenalle 8-10, Hamburg. 427,703.

"PEDDO"; for a medicated foot paste (3). By S. Stephens, 28 Market Street, Milnsbridge, Huddersfield. 427,730.

"POLICREST"; for a wound-healing preparation (3). By Margaret Titley, Manor Cottage, Cornwall Road, Harrogate. 428,000.

"STANDEX" for goods (11). By Lewis's, Ltd., 40 Ranelagh Street, Liverpool. 427,736. (Associated.)

"POMPEII BATH AND TOILET SALTS," with picture of bath; for bath and toilet salts (48). By C. B. Todd, 55 Sidmouth Street, London, W.C. 1. 425,914.

"PINEOPALM"; for perfumery, etc. (48). By A. Finlay, Ltd., Victoria Square, Belfast. 428,917.

(*From "The Trade-marks Journal," November 1, 1922.*)

"DIPHENSO"; for chemicals (1) and (2). By W. W. Watt, 302, Golfhill Drive, Dennistoun, Glasgow. 425,818/819. (Associated.)

"M.L. & B." on circular device ("M.L. & B." disclaimed); for all goods (1), (2), (3), (42), and for goods (50). By Farbwerke vorm. Meister Lucius & Brüning, Hoechst am Main, Germany. 428,205/206/207/208/214. (Associated.)

"THE 'MAIN' A.I. STERILISERS AND FERTILISERS," etc., on circular label ("A.I.," "T.M." and "Main" disclaimed); for sterilisers and fertilisers (2). By T. Main, 23, Battledean Road, Highbury, London, N.5. 422,206.

"HIGHLAND"; for sheep dips (2). By McDougall & Robertson, Ltd., 66 and 68, Port Street, Manchester. B425,113.

"KAYBRO"; for all goods (2) and (3) and for goods (50). By Kay Bros., Ltd., St. Petersgate Mills, Stockport. 427,683/684/685. (Associated.)

"HYTRA"; for all goods (2). By the Sizing Materials Co., Ltd., 21, Spring Gardens, Manchester. 428,681. (Associated.)

PICTURE OF MAN WITH LIFEBUOY IN SEA; for medicines (3). By A. A. Keall, 16, St. George Street, Swansea. B426,368.

"PELSANA"; for medicated skin preparations (3). By W. Kirkby, 25, Thornfield Road, Heaton Moor, Stockport. 426,765.

"HYDROLETTE"; for medicinal chemicals (3) and for mineral waters, etc. (44). By Alfred Bishop, Ltd., 48, Spelman Street, London, E.1. 427,578/579. (Associated.)

"ELIKORN"; for medicinal chemicals (3). By D. K. Morgan, 25, King Street, Carmarthen. 428,425.

Deeds of Arrangement

Barritt, Edward Coventry, chemist and druggist, 459 Harrow Road, London, W.—Assignment upon trust, including interest in partnership business carried on at 459 Harrow Road. Dated, October 13; filed, October 20. Liabilities unsecured, £610; estimated net assets, £213. Trustee: P. S. Booth, 14-17 Holborn Viaduct, London, E.C., accountant.

Colbeck, Charles Walter, 44 The Bank, Barnard Castle, described as a druggist.—Dated October 27; filed, October 30. Liabilities secured, £100; unsecured, £220; estimated net assets, £200. Trustee, T. K. Bell, accountant, Barnard Castle.

Hayton, Edmund James, jun., Crown Street, Botchergate, and 6 Hart Street, Carlisle, wholesale druggist.—The following are among the creditors: J. & J. Colman, Ltd., £11; L. Woolf, £41; Wm. Edge & Sons, Ltd., £17; Reckitt & Sons, Ltd., £17; Goodall, Backhouse & Co., £16; Chocolat Tobler, Ltd., £15; Evans Sons Lescher & Webb, Ltd., £16; Salt Union, Ltd., £15; General Kaputine Syndicate, Ltd., £268; Hodgson & Simpson, Ltd., £31; The "Sanitas" Co., Ltd., £10.

Stock Exchange Prices

£1 Shares unless otherwise stated.	Dec. 30	Sept. 28	Oct. 30
	s. d.	s. d.	s. d.
Allen & Hanburys, 7% Prefd. Ord. ..	20 3	20 0	19 6
Apollinaris and Johannis, Ord. £10 ..	12 6	17 6	12 6
,, ,, 5% Pref. £10	25 0	42 6	42 6
Ash (Claudius), Sons & Co., Ord. ..	20 6	11 3	11 6
Ayrton Saunders & Co. 7½% Pref. ..	—	14 6	14 7½
Barclay & Sons, 5% Pref.	2 9	2 6	2 6
Benger's Food, Ord.	30 0	38 0	37 6
Boake (A.), Roberts & Co., 5% Pref. £10	£5⅜	£5	£5⅞
Boots Pure Drug, 7% "A" Prefd. Ord.	17 3	22 6	22 6
,, ,, 7% "B" Prefd. Ord.	17 0	22 6	22 6
Boots Cash Chemists (Eastern), 6% "A" Pref.	15 6	20 0	20 0
Boots Cash Chemists (Lancashire), 6% "A" Pref.	14 6	20 0	20 0
Boots Cash Chemists (Southern), 6% "A" Pref.	15 3	20 0	20 0
Boots Cash Chemists (Western), 6% "A" Pref.	17 0	20 0	20 0
Borax Consold., Defd. Ord.	30 0	34 0	36 0
Bovril, 6% Pref.	17 3	21 9	22 3
,, Ord.	18 0	22 3	22 9
,, Defd.	14 6	18 3	20 3
British Cellulose & Chemical, Ord. ..	3 7½	5 0	4 0
,,a ,, ,, 7½% Pref.	6 3	8 3	7 9
British Cyn ides, Ord.	14 6	15 0	14 0
British Dyestuffs Corpn., 7% Pref. ..	6 10½	7 9	7 6
,, ,, ,, Prefd. Ord. ..	4 6	5 0	5 0
British Glues and Chemicals, Ord. ..	15 0	5 0	5 0
,, ,, ,, 8% Pref.	15 7½	12 6	13 9
British Oil and Cake Mills, Ord. ..	22 0	24 3	25 0
British Oxygen, Ord.	30 0	36 0	35 3
Brunner Mond, Ord.	25 0	33 6	35 3
,, 7½% Pref.	21 3	26 6	27 3
Bush (W. J.) & Co., 5% Pref. £5 ..	52 6	65 0	62 6
Cadbury Bros., 6% Pref.	19 7½	23 0	23 3
Callard, Stewart & Watt, Ord. ..	16 3	21 3	20 9
,, ,, ,, 5½% Pref. ..	13 9	16 6	16 3
Crosfield (Joseph) & Sons, 6½% Pref...	15 0	19 6	19 0
De Trey & Co., Ord.	13 9	14 0	13 0
Eastman Kodak, Com. (No Nominal Value)	$730	$94	$95
,, ,, 6% Prefd. $100 ..	$123	$130	$127
Evans Sons Lescher & Webb, Ord. ..	12 6	6 0	5 3
,, ,, ,, 5% Pref.	10 0	7 9	6 9
Field (J. C. & J.), Ord.	7 6	18 6	18 3
,, ,, 7% Pref.	12 6	20 0	19 6
Idris & Co., "A" Ord.	8 6	6 3	5 0
Ilford, Ltd., Ord...	16 3	22 6	23 0
,, 6% Pref.	15 0	18 3	18 3
Kent (G. B.) & Sons, 5½% Pref. ..	14 4½	15 0	15 3
Knight (John), 25% Prefd. Ord. ..	45 0	55 0	55 0
Lever Bros., Ltd., 7% Pref.	16 6	19 6	19 9
,, ,, 8% Pref.	16 6	19 7½	19 9
,, ,, 20% Pref. Ord. 5s.	9 3	10 6	10 7½
Liebig's Ext. of Meat, Ord. £5 ..	£12¼	£13½	£14¼
Magadi Soda, Ord.	11 3	7 9	8 0
Mellin's Food, 6% Pref.	11 0	11 3	11 3
Mond Nickel Co., Ord.	20 0	27 6	27 6
,, ,, 7% Cum. Pref. ..	19 3	24 3	24 6
Nathan (Joseph) & Co., 7% Pref. ..	16 9	20 6	20 3
,, ,, ,, 8% Prefd. Ord.	19 0	20 0	19 0
National Drug and Chem. Co. of Canada, 6% Pref.	17 0	19 0	19 0
New Transvaal Chemical Co., 6% Pref.	15 0	18 3	18 9
,, ,, ,, 8% Pref.	17 6	19 0	19 6
Salt Union, Ord.	13 9	18 3	19 3
,, Pref.	14 6	22 6	23 0
"Sanitas," The, Co., 9% Pref. ..	20 0	22 6	22 6
Schweppes, Ltd., Ord.	13 3	17 3	17 4½
,, ,, Defd.	7 6	8 3	8 3
Smith (Stephen) & Co., 6% Pref. ..	22 6	26 0	28 6
Southall Bros. & Barclay, Ord.. ..	—	41 9	43 9
,, ,, 5% Pref. ..	—	18 3	19 0
Spratt's Patent, Ord.	25 0	35 0	35 0
United Alkali, Ord.	12 6	20 0	21 0
United Glass Bottle Man., 7% Mt.Deb. Stk. £100	£96½	£83	£82
Venesta, Ltd., Ord.	17 6	17 6	17 0
,, 7% Pref.	15 0	16 9	17 6
Virol, Ltd., 7% Pref.	16 3	21 3	20 6
White (A. J.), Ltd., Ord. 10s.	3 9	5 0	3 9
White (R.) & Sons, 6% Pref.	10 0	15 0	13 9
,, ,, Prefd. Ord. 10s. ..	3 9	4 3	4 6
Wright, Layman & Umney, 6% Pref.	16 0	17 6	18 0

New Companies
and Company News

P.C. means Private Company and R.O. Registered Office

WALWORTH PHARMACY, LTD. (P.C.).—Capital, £500. bjects: To carry on the business of chemists, druggists, rysalters, oil and colour merchants, importers, and manu-cturers of, and dealers in, pharmaceutical, medicinal, emical, industrial, and other preparations, etc. R.O.: 2 Walworth Road, London, S.E. 17.

LETOID CO., LTD. (P.C.).—Capital, £5,000. Objects: o take over the business of a manufacturer of prepara-ons for the hair carried on by A. T. Lee at 288 London oad, Sheffield, together with the trade name "Letoid," d to adopt an agreement with A. T. Lee, B. Huxley, d G. Marples. R.O.: 288 London Road, Sheffield.

INTEGAR, LTD. (P.C.).—Capital £500. Objects: To opt an agreement with D. C. Stern, of 8 Fredericks ace, Old Jewry, E.C., for, *inter alia*, the acquisition of e trade mark "Integar," and to carry on the business of nufacturers and sellers of the medicine known by the d name, etc. The first directors are: D. C. Stern and C. Stern, 44, Westminster Palace Gardens, S.W. 1. O.: 8 Fredericks Place, Old Jewry, London, E.C.

OROSAN CO., LTD. (P.C.).—Capital £5,000. Objects: manufacture and sell in the British Isles or abroad antiseptic prophylactic against infectious and septic seases of the mouth, nose and throat, for use as a denti-ice, mouth wash, gargle, nasal douche or spray, etc. he first directors are: P. E. H. Giuseppi, 61 Cathcart ad, West Brompton, S.W. 10; H. R. Hollis, 28 mperor's Gate, S.W. 7; and W. H. Morton, 124 Black-iars Road, S.E. 1. R.O.: 3 Cannon Street, London, C. 4.

MEDICAL REMEDIES CO., LTD. (P.C.).—Capital £500. bjects: To carry on the business of wholesale and retail armaceutical and analytical chemists and druggists, dis-nsers and drysalters, etc. R.O.: 76 Castle Street, uton, Beds.

SURGICAL SUPPLIES, LTD. (P.C.).—Capital, £500. Ob-cts: To carry on the business of manufacturers of sur-cal instruments, apparatus, or appliances of all kinds, c. The first directors are: Mrs. Ellen R. Bowker and . D. Bowker, 55 Cromwell Road, Wimbledon, S.W. 19. O.: 5 and 7 Eastcheap, London, E.C.

T. J. AND T. POWELL, LTD. (P.C.).—Capital £30,000. bjects: To carry on the business of dealers in hides, ins, india-rubber, substitutes for leather and other aterials, manufacturing and analytical chemists and drug-sts, oil and colourmen, etc. Solicitor: H. W. Hill, 81 resham Street, London, E.C.

PHILIP KELLY, LTD. (P.C.).—Capital, £200. Objects: o carry on the business of opticians, spectacle makers, anufacturers of and dealers in anatomical, orthopædic nd surgical appliances, manufacturers of and dealers in roprietary articles of all kinds, makers of artificial eyes nd limbs, bandages, boots, stays, etc. R.O.: Saville House, 1, Saville Row, Newcastle-on-Tyne.

HAMILTON, SON & CO., LTD. (P.C.).—Capital, £5,000. bjects: To acquire the business of Hamilton, Son & o., Ironia Chemical Works, 29 31 Lily Bank Road, Glas-ow, and to carry on the business of manufacturers and pecialists of boiler composition, vegetable and mineral nd water-softening fluids, marketed under the name of Ironia Boiler Scale Remover," also belt food under the ame of "Adheso." R.O.: 29-31, Lilybank Road, Glasgow.

BOND & HARDING, LTD. (P.C.).—Capital, £1,500. bjects: To carry on the business of manufacturers, ackers and vendors of confectionery, sweets, chocolates, inned, bottled, dried and crystallised fruits, jams, pre-erves, extracts, essences, syrups and flavourings, biscuits, akes and table delicacies of all kinds, dealers in and gents for chemists and druggists' sundries, drugs, patent edicines, prepared foods and other proprietary articles, ineral waters, perfumes, soaps, toilet and sanitary equisites, tobacco, cigars and cigarettes, etc. R.O.: 8 Goose Gate, Nottingham.

O-PINE-O MANUFACTURING CO., LTD. (P.C.).—Capital, £5,000. Objects: To take over the business of soap manufacturers carried on by J. M. Seeds and W. E. Pulford at 30 and 30a Montague Road, Hornsey, as the "O-Pine-O Manufacturing Co.," together with the trade mark "O-Pine-O." The first directors are: J. M. Seeds, W. E. Pulford, and S. Foskett. R.O.: 30a Montague Road, Hornsey, London, N.

BARCO, LTD. (P.C.).—Capital £500. Objects: To carry on the business of manufacturers of and dealers in disinfectants, sheep dips, veterinary and stock-breeders' specialities, germicidal soap essence, insecticides and wood preservatives, paints, varnishes, etc. The first directors are: F. A. Pimlott, 68A Waldron Road, Earlsfield, S.W.; E. Hugentobler, 10, Caledonian Road, King's Cross, N. 1; and E. J. Watson, 68A Waldron Road, Earlsfield, S.W. R.O.: 37 Whetstone Park, Kingsway, London, W.C.

MORTIMER JAMES "No. 99" POWDER JOINTING CO., LTD. (P.C.).—Capital, £100. Objects: To acquire the business carried on by M. E. O. James at 57 King William Street, Greenwich, together with the recipes and information as to manufacture and the right to manufacture and deal in certain cements and preparations known as "No. 99" Jointing Powder, and to carry on the same and the business of manufacturers of and dealers in cements and other chemical preparations and drugs, etc.

VIOLIV MANUFACTURING CO., LTD.—A meeting of the creditors of this company (in liquidation) will be held at the chambers of James Pollard & Bird, chartered accountants, 17 Duke Street, Edinburgh, on November 19 at 11.30 a.m.

COMPANIES WHICH MAY BE WOUND UP.—The undermentioned companies will, unless cause is shown to the contrary, be struck off the register and the companies dissolved three months after October 10: Cox's Drug Stores, Ltd.; E. H. Baker (Chemists), Ltd.; Harlow Remedies, Ltd.

A. & F. PEARS, LTD.—Including £12,788 brought in the accounts for the year ended June 30, 1922, show £108,000 available. Payment has been made of following dividends:—6 per cent. on Preference shares, £12,000; 12 per cent. Preferred ordinary, £38,400; 20 per cent. on Ordinary, £40,000; carried to reserve £5,000, leaving a credit balance of £12,600 to be carried forward.

A. T. KREMER'S MANUFACTURING CO., LTD., 36 Great James Street, Bedford Row, London, W.C., manufacturers of chemicals, dyes, colours, etc.—A compulsory winding-up order having been made against this company last June upon a creditors' petition, the statutory first meetings of the creditors and shareholders were held recently at the Carey Street offices of the Board of Trade, Lincoln's Inn, W.C. Mr. E. T. A. Phillips, Official Receiver, reported that the company was formed in June, 1920, as a private company, with a nominal capital of £2,000, to acquire and carry on the business of "K. & S. Manufacturing and Trading Co., Ltd.," then belonging to Mr. A. T. Kremer, and to act as import and export merchants in chemicals, dyes and colours. Mr. Kremer was appointed as governing director, and was a present creditor for £149. A small net profit was made on the trading for the first twelve months, but during the six months ended January last there was a loss of £1,807. A resolution for voluntary liquidation was passed in March, with Mr. Kremer as liquidator, and a scheme for a composition was framed, but it fell through, and a compulsory winding-up order was obtained by a creditor in Switzerland. The failure was attributed to insufficient working capital, restricted credits, and the general slump in trade. The accounts showed liabilities £2,736, against assets valued at £566 and a deficiency of £3,670 with regard to contributories. Mr. C. H. Nathan, C.A., was appointed to the post of liquidator. Among the creditors are: Berger, Lewis & Son, Ltd., £40; Bronze Powder Manufacturing Co., £330; British Ultramarine Manufacturing Co., Ltd., £35; Hudson & Kearns, Ltd., £16; Janecke Ault Co. (Newark, U.S.A.), £1,624; Shallcross & Co. (Philadelphia), £11.

Pharmaceutical Society
Of Great Britain
Council-meeting

A MEETING of the Council was held at 16 Bloomsbury Square, London, W.C., on November 1, Mr. E. T. Neathercoat (President) in the chair. The absent members were Messrs. White and Young. The President explained that Mr. White's absence was due to his fulfilling an important engagement on the Continent.

The President intimated that there were no questions.

DEATH

The PRESIDENT said his first duty was to record the death of Professor Crum Brown, Edinburgh. Professor Crum Brown was an honorary member of the Society, and was professor of chemistry in the Edinburgh University for forty years. He occupied a distinguished position in the world of science. He (the President) was sure the Council would wish him to express their regret at Professor Crum Brown's death. (Hear, hear.)

WELCOME TO MISS BUCHANAN

The PRESIDENT welcomed Miss Buchanan back from Canada. She had been away from the Council for several months, he said, and the Pharmaceutical Society had taken advantage of the fact that she was visiting Canada to ask her to undertake official business on behalf of the Society in the Dominion. The Council had followed with considerable interest the short reports sent over to England of Miss Buchanan's activities on their behalf. She had not been back very long, and so would not be prepared to give a full report of her work in Canada at the moment; but he would ask her if she would be good enough to present a report at the next meeting, when the Council would be pleased and interested to hear an account of her experiences. He was pleased to see her looking so well. (Applause.)

Miss BUCHANAN, in returning thanks for her cordial welcome, made passing illusion to the fact that even during the six months she had been away there had been changes on the Council, and she missed several old familiar faces. The Canadian people were exceedingly kind to her, and gave her every opportunity, from a pharmaceutical point of view, to see everything that was going on. She was even allowed to attend one of the examinations at Toronto where about 250 candidates were being examined. She had the privilege of speaking to the students there, so that the Council would understand that the Canadians had let her into the secrets of how they do things in that country. She was received with great cordiality also from the personal point of view, the Canadians being extremely hospitable. Canada had its pharmaceutical problems just as this country had, but these she proposed to deal with in the report which she would present at the next meeting. Miss Buchanan made special reference to the Canadian Pharmaceutical Conference held in August at Fort William and Fort Arthur. She was invited as a visitor, and met a great many people there. The Conference, as an honour to British pharmacy, had conferred upon her the distinction of making her the first foreign member of the Canadian Pharmaceutical Association. (Applause.) Miss Buchanan read a letter from the President of the Association asking her to convey to the Pharmaceutical Society of Great Britain heartiest greetings. The Canadian body also expressed appreciation at Miss Buchanan's visit, and added the hope that either she or some other representative of the Society would attend some other Canadian pharmaceutical function in the future, and that the bonds of brotherhood between pharmacists in the two countries would be strengthened. (Applause.)

The PRESIDENT heartily reciprocated the greetings, and said the Council were glad to have been represented at the Canadian Conference. (Hear, hear.)

VISIT OF DR. HOFFMAN

The PRESIDENT mentioned that they had present that day a distinguished pharmacist visitor from the Continent, Dr. Hoffman, secretary of the International Pharmaceutical Federation, which, as the Council would remember, had accepted their invitation to hold its forthcomi meetings in London next July at the same time as t British Pharmaceutical Conference. An important co ference had already taken place between Dr. Hoffman a the Pharmaceutical Society with regard to the arrang ments for the meetings of the two organisations, a satisfactory conclusions had been reached whereby t Conferences would be carried through with considerat success. In the name of the Society, the Council, a pharmacists generally, he extended a hearty welcome Dr. Hoffman, whom the members of the Council wou have a further opportunity of meeting later in the da (Applause.)

ELECTIONS AND RESTORATIONS

Forty persons were elected members and three we elected student-associates of the Society; nine persons we restored to the Society and a number to the Register. T registrar reported that there had been two hundred a seventeen registrations of apprentices as students sin the last meeting.

The PRESIDENT mentioned that the number of studer associates now stood at 1,040 for the year, which was very substantial total. (Hear, hear.) He thought th was a very interesting fact which showed that, at a rate, pharmacy was still attracting to itself a substanti number of the young men of the country.

EXAMINERS APPOINTED.

The following appointments to the Board of Examine for England and Wales were announced :—

T. O. Barlow, H. Berry, C. E. Corfield, J. Evans, E. Farr, F. E. Fritsch, S. Furnival, W. F. Gulliver, P. Ha J. Hamerton, C. H. Hampshire, R. J. Harvey-Gibson, F. Hocking, J. A. Jennings, P. A. Kirkaldy, H. J. Klug H. B. Lacey, W. H. Lewis, H. B. Mackie, E. Preston, J. Purvis, E. J. Salisbury, W. F. J. Shepherd, H. L. Smit A. L. Taylor, T. Tickle, T. E. Wallis, C. H. Warner, Wright, and A. E. Young.

The nominations of the North British Branch Exec tive were also approved for Scotland (see p. 630).

CORRESPONDENCE

A letter was read from Professor Perrot thanking t Society for the cordial reception extended to him on t occasion of the recent presentation of the Hanbury meda and sending special greetings to the President a Professor Greenish.

The Chemical Warfare Committee wrote, with referen to the Harrison Memorial fund, explaining that from t amount collected it had been arranged for a permane memorial to be erected in the Chemical Society's roo at Burlington House. The remainder of the money rais would be devoted to the institution of a money prize f research in chemistry.

The PRESIDENT said the Council would gladly co-opera with the promoters of the fund in allowing its Preside to accept a position on the Selection Committee. T office would, of course, be occupied by whoever w President of the Pharmaceutical Society for the tin being.

The South Wales and Monmouthshire Federation wro suggesting that the Society should make it obligatory f all apprentices to pass the preliminary examination befo entering on apprenticeship. The SECRETARY said it w now necessary that a man should pass his prelimina examination before being registered. The PRESIDENT sa the Council welcomed such an expression from the Feder tion, for it showed that they were alive to the possibiliti of improvement in pharmaceutical education.

A letter was read from the Conjoint Board of Scienti Societies with regard to a number of proposed changes the constitution of the Board. Included in this was proposal to place constituent members on the same ba as regards subscriptions and representation. It w recalled that during the war the Board undertook certa inquiries and researches which the constituent societi were unable to undertake. In future, however, the Boa proposed to confine their work to such activities as th were requested to undertake by the constituent societie This decision had been arrived at in order to prevent a overlapping between their activities and those of t societies constituting the Board.

Council approved of the proposed changes in the tution, and reappointed the President and Mr. to represent them on that body.

Secretary mentioned that, whereas the Council had paying a subscription of £10 10s., the amount would be £5 5s.

Education Committee

s committee reported that it had considered a letter Mr. F. N. Appleyard with regard to the recognition Major qualification. Mr. Appleyard drew attention e status of pharmaceutical chemists engaged on the of technical institutions, and asked that representa- should be made to the appropriate authorities, with v of securing the recognition of the Major qualifica- s equivalent to a University degree. The committee mended that the Board of Education be approached a view of those teachers holding the Major diploma e Society being placed on the same level as those g a University degree.

ognition was accorded to five schools in respect of rious subjects of study.

report was adopted.

Finance Committee

financial statement is summarised as follows :— pts since the last meeting, including a balance of 0s. 4d., amounted to £6,314 18s. 8d., comprising the ving items :—Subscriptions, £94 10s. ; examination- £15 15s. ; registration-fees, £445 4s. ; restoration- and certificates of qualification, £5 6s. ; penalties, 2s. ; "Pharmaceutical Journal" publishing depart- , £800 ; "Pharmaceutical Journal" subscriptions, s. ; Pharmaceutical press publications, £7 0s. 10d. ; maceutical Pocket Book, £10 1s. 8d. ; School of Phar- , £455 5s. ; Register of Chemists and Druggists, s. ; B.P. Codex Supplement, 2s. 8d. ; interest on in- ents, £223 16s. 8d. ; refund of unemployment contri- ns, £15 7s. 6d. ; transfer from deposit account, 0. Payments ordered at the last meeting amounted to 1 14s. 11d., so that there was a balance of £13 3s. 9d. other balances were :—Benevolent Fund (current nt), £279 5s. 5d. ; Benevolent Fund (donation nt), £116 15s. 5d. ; War Auxiliary Benevolent Fund, 10s. 4d. ; Orphan Fund, £92 6s. 9d. The report mended that accounts amounting to £3,713 14s. 9d. id, and that the action of the secretary in making ents amounting to £655 13s. 3d. be approved.

e Treasurer expressed gratification at the number of g men who were entering pharmacy.

. Peck suggested that young men registering as nts should be given information regarding the various etitions, such as the Bell scholarship.

e Secretary said that every student received the culars in question together with the syllabus.

e report was adopted.

Benevolent Fund Committee

e report of this Committee showed that four appli- ns had been considered, and grants varying from to £30 had been made. The Committee authorised payment of the usual annual subscriptions to the l Infant Orphanage, Wanstead (£2 2s.), and to the l Hospital and Home for Incurables, Putney (£1 1s.). ial contributions and donations were announced as ws :—Southend-on-Sea Association (box), £2 8s. 6d. ; ingham Pharmaceutical Conference (balance), £20 ; hampton Association, £1 1s. ; Derby Borough Asso- on (box and whist-drive), £4 5s. ; Newcastle and rict Association (from funds and box), £10 1s.

oposing the adoption of the report, which was oved, Mr. Parry mentioned that now Miss Buchanan returned she would resume her office as chairman of Committee.

War Auxiliary Benevolent Fund

his Committee reported that thirty-seven applications been considered, and grants made ranging from 14s. to £50. A report of the work of the Committee ng the three months ended August 1 was also pre- ed, stating that during the period under report the mittee has considered twenty-nine cases in which assistance was sought, apart from 269 applications from Government-aided students for payment of railway fare to and from the examination centre, all of which were granted. A tabulated statement was appended, giving particulars of the results of each month's meeting with totals. The classification adopted in the report of December 1921, has been continued. The totals were :—June, £397 ; July, £170 ; August, £853 ; rail fares, £604 ; £2,024. The balance to the credit of the Fund now stands at £16,981 (September 1), being a diminution of capital of £1,928 since December 31, 1921.

Mr. Parry said the month's report was rather a formidable document, but was interesting because of the very small amounts involved. It was additionally interesting, not only for what it contained, but also for what it left out. For instance, one applicant, who had received a grant of £100, afterwards found another opening and returned the money. This was one of the many splendid instances which were constantly being brought before the Committee. In another case a particular chemist was able to make other arrangements which rendered it unnecessary for him to have the grant, and he had been generous enough to return the money. Mr. Parry drew attention to the fact that for the first time he was presenting a report dealing with the work of the past three months. The total amount distributed in the period was £2,024, which was a large sum of money, and would give the Council some idea that the work of the fund was not quite finished yet.

The reports were adopted.

This was all the public business.

British Pharmaceutical Conference

A statement comprising the following passages has been officially supplied :—

The British Pharmaceutical Conference Executive Committee met on October 4, Mr. F. W. Gamble in the chair. The Committee considered a draft submitted by the chairman on the proposed new constitution and rules, and after full discussion it was decided to make the following recommendation : That the constitution and rules of the British Pharmaceutical Conference be as follows :—

(1) The British Pharmaceutical Conference shall meet annually for the discussion of subjects relative to the science of pharmacy, for the promotion of friendly reunion amongst pharmacists and those interested in pharmacy, and generally for the furtherance of the objects sought to be obtained under the Royal Charter of Incorporation granted to the Pharmaceutical Society of Great Britain and the several Pharmacy Acts.

(2) The Conference shall consist of (*a*) members, honorary members and student-associates, being those holding similar rank in the Pharmaceutical Society of Great Britain, and (*b*) corresponding members of the Conference.

(3) Corresponding members of the Conference shall be persons at home and abroad interested in the advancement of pharmacy who, not being qualified for membership of the Pharmaceutical Society, desire to be associated with the work of the Conference. A corresponding member shall be nominated in writing by a member, honorary member or corresponding member and elected by the Executive Committee.

(4) The officers of the Conference who shall collectively constitute the Executive Committee shall be a chairman, vice-presidents, vice-chairmen, one honorary treasurer, two honorary general secretaries, together with nine others, being members, honorary members or corresponding members of the Conference, at least three of whom shall be members of the Council of the Pharmaceutical Society. The President of the Pharmaceutical Society shall be *ex-officio* a member of the Executive Committee and the President of the Conference. The honorary local secretary shall be *ex-officio* a member of the Executive Committee.

(5) The officers of the Conference shall be selected at each annual meeting by those present. Nominations for membership of the Executive Committee may be made at the annual meeting by the outgoing Executive and shall include nominations which have been received by the honorary secretaries in writing at least 28 days before the annual meeting.

(6) The chairman of the Conference shall give the inaugural address, preside over the meetings for the reading of scientific papers, and take the chair at the meetings of the Executive Committee.

(7) Members, honorary members and student-associates shall not be required to pay a separate subscription to the British Pharmaceutical Conference ; they shall be entitled,

on application, to a copy of the Year-Book. Corresponding members of the Conference shall pay a subscription of 10s. 6d. annually, which shall entitle them to a copy of the Year-Book on application; such subscriptions shall become due on January 1.

Appreciation of Mr. Braithwaite's services in the past was expressed, and it was thought advisable that Mr. Braithwaite be asked to edit the abstracts and also the new remedies section in the 1923 volume.

The Committee directed that the thanks of the Executive be conveyed to Mr. Stephenson for the work he had done in the past in writing the new remedies section.

North British Branch

A MEETING of the Executive of the North British Branch was held in the Society's house, 36 York Place, Edinburgh, on October 25, Mr. George Shiach Kitchin in the chair. There were present: Messrs. Arthur, Currie, Dick, Fisher, Forbes, Glass, Guthrie, Jack, Kitchin, McEwan, D. G. Mackenzie, T. Mackenzie, McLaren, McMillan, McNab, McVitae, Milne, Murray, and Simpson.

British Pharmaceutical Conference

Mr. J. J. Forbes, vice-chairman, reported that he had attended the Nottingham meeting of the British Pharmaceutical Conference. The number attending from Scotland was smaller than usual. The delegates had a very cordial welcome from the Nottingham pharmacists, who had made excellent arrangements for their entertainment and their plans were all carried out with great success so that the meeting had been a very enjoyable one. It was noted that the Conference has now been taken over by the Pharmaceutical Society, and the next meeting will be in London. What the future of the Conference will be is in the lap of the gods. It is now ten years since there has been a Conference in Scotland, and the time seems not far off when they might expect a meeting in the North.

Nomination of Examiners

On the report of the Committee for Nomination of Examiners the following resolution was unanimously adopted :—

That Professor George Barger, Edinburgh; Dr. George Coull, Edinburgh; Dr. Robert Stewart MacDougall, Edinburgh; John Dall, Edinburgh; Martin Meldrum, Ayr; John Henry Ramsay, Glasgow; Charles Stephen, Dundee; and Thomas Wilson, Burntisland, be nominated for election by the Council as members of the Board of Examiners for Scotland for 1923.

Evening Meetings

It was reported that it had been arranged that the first evening meeting of the session of scientific meetings in Edinburgh should be held on Friday, November 24, when the inaugural sessional address will be given by Principal James C. Irvine, C.B.E., Ph.D., D.Sc., F.R.S., of St. Andrews University, on "Scotland's Contribution to Chemistry."

Divisional Secretaries

It was reported that a complete list of divisional secretaries had been prepared for appointment by the Council for 1923, the only changes being Mr. D. G. Mackenzie, Glasgow, for Central Glasgow, in room for Mr. Isaac Hislop, resigned, and Mr. A. H. Millar, Bervie, for Kincardineshire, in room of Mr. A. Lyon Wood, Stonehaven, deceased.

Methylated Spirit

It was reported that information had been received from the Convention of Royal Burghs (Scotland) of a reply received by them from the Commissioners of Customs and Excise. The reply stated that the question of methylated spirit drinking forms part of an important general question which is still under consideration. A decision would, however, be expedited, and the result would be intimated to the Convention of Royal Burghs at the earliest possible date. It was also reported that there had been communication with the Scottish Board of Health on the question of methylated spirit, both in regard to methylated spirit drinking and the use of methylated spirit in pharmacy. Particulars of what had taken place in Scotland had also been furnished to the Retail Pharmacists' Union.

Mr. JACK said he thought it was desirable that the should take precautions so that they might not find them selves saddled with new and burdensome regulations c no real value in meeting the evil.

Education Committee

Mr. H. P. Arthur reported that the memorandu authorised by the Executive had been completed and sul mitted to the Council along with the various views c members and teachers and examiners. He furthe reported that the Committee had discussed various poin as to the Preliminary examination and Part I. and Pa II. of the Qualifying examination, and also proposals fc a higher standard in relation to the Major examinatior with Mr. Guthrie as a member of the Council's Educa tion Committee. Particular attention had been directec and with a successful result so far, to the desirablene of making the intermediate certificate of the Scottis Education Department and the present medical prelimir ary examination of the Educational Institute of Scotlan taken at not more than two sittings, the minimum sta dard to be adopted under the new regulations for regi tration as a student of pharmacy. The suggestion tha the Major qualification should be a thing entirely di tinct from the Qualifying examination with a Pr liminary examination on the standard of the Leaving Ce tificate or Science Matriculation examination was al considered. In the latter regard the Major qualificatio would include bacteriology and bio-chemistry and a attainment in pharmacy, materia medica, physics, pra tical physiological chemistry, and micro-biology on th standard of a science degree fitting those who hold th certificate to undertake duties for the medical professio in clinical research and other matters relating to th newer developments in the practice of medicine and su gery. A relatively small number of persons would b required for this special work, while the great majorit of those entering the ranks of pharmacy would desi only to keep open shop and practice pharmacy in th ordinary way of a dispensing chemist. After a full di cussion the proposals submitted were generally regarde with favour, and it was agreed that Mr. Guthrie woul be able to represent the views entertained by Scottis pharmacists as represented by the members of Executiv

Parliamentary Committee

The various points in connection with the Dangerou Drugs Act Regulations were considered. In view of General Election and the returning of a new Parliamen it was remitted to the Committee to keep watch on event and with powers to take any action that might be deeme necessary should matters affecting pharmacy arise.

Local Organisation

It was reported that a reply had been received fro the Executive Council of the Scottish Pharmaceutic Federation stating that the report of the Joint Con mittee on Local Organisation in Scotland had been ap proved by the Scottish Pharmaceutical Federation. Th report was remitted to the Special Committee on Power Privileges and Duties of the Executive of the Nort British Branch, and it was agreed to send a copy to th Council for information.

In reference to the Council's scheme of local organis tion in the establishment of district branches of th Society, it was felt that there might be serious difficulti in establishing branches in many districts owing t geographical conditions, to sparsely populated areas, an want of transport facilities. It was hoped, however, t be able to report to the Council with as little delay a possible that branches had been established at least i the main centres. With this view it was agreed to hol meetings in Aberdeen, Dundee, Edinburgh, Glasgow, an Inverness. It was further agreed that members of Execu tive should be deputed to attend these meetings for th purpose of explaining the scheme, and that the resider secretary should accompany the deputies. The deputie were appointed as follows :—For Aberdeen, Mr. J. F Milne, Dundee; for Dundee, Mr. J. J. Forbes, Perth for Edinburgh, Mr. J. H. Fisher, Dunfermline; for Gla gow, Mr. A. A. Dick, Bellshill; and for Inverness, M Charles Simpson, Aberdeen.

Parliamentary Election

ANDIDATES for seats in the House of Commons are to nominated, on November 4, for the election to be held November 15. In the following list of candidates who ve points of contact with the drug-trade, U. stands for nionist; N.L. for National Liberal; L. for Liberal; d Lab. for Labour.

MR. H. S. ABRAHAMSON, late managing director of the w dissolved British Quinine Corporation, and an thority on cinchona, is a candidate (L.) for the Cannock vision of Staffordshire.

THE RT. HON. CHRISTOPHER ADDISON, M.P., M.D., edecessor of Sir Alfred Mond in the Ministry of Health, again standing (L.) as a candidate in his old con- ituency of Shoreditch. Dr. Addison took an active part the passing of the National Health Insurance Act, 11, through Parliament, and in 1918 delivered the in- gural address at the opening of the Pharmaceutical ociety's School of Pharmacy.

MR. WILLIAM BENNETT, chemist and druggist, is again anding as a candidate (Lab.) for the Guildford division of Surrey. Mr. Bennett began his career in pharmacy in 1887 as an apprentice to Mr. F. P. Ballard, Wootton Bassett. After gaining further experience at Southampton, Warminster, Cardiff, and Weston-super-Mare, he qualified in 1896. Mr. Bennett subsequently had experience of hospital dispensing, and was for a time in business on his own account. He has held office as secretary of the Guildford Trades and Labour Council, as a member of the Guildford Food Control Committee, and as an overseer of the poor. He made a good impression on the constitu- ncy at the General Election in 1918.

MR. W. BENNETT

SIR ROBERT BIRD, Bart., M.P., son of the late Sir lfred Bird, chairman of Alfred Bird & Sons, Ltd., anufacturing chemists, Deritend, Birmingham, is again anding for West Wolverhampton (U.), to which con- ituency he succeeded on the death of his father early is year.

SIR HARRY BRITTAIN, M.P. (U.) for the Acton division f Middlesex, offers himself for re-election. Sir Harry as led a very active life since he was called to the Bar nd obtained the degree of M.A. at Oxford in the late ineties. He has made his influence felt in journalism, litics, and municipal life, and has always taken a riendly interest in the House of Commons in matters ffecting the drug-trade.

SIR JOHN BRUNNER, Bart., M.P., is again contesting outhport (L.). Sir John is the son of the late Sir ohn Brunner, Bart., and has been a director of Brunner, Mond & Co., Ltd., since 1894. He married a aughter of the late Mr. Octavius Vaughan Morgan, a irector of the Morgan Crucible Co., Ltd., and prede- essor of Mr. John Burns in the parliamentary representa- ion of Battersea.

MR. GEORGE CHRISTOPHER CLAYTON, C.B.E., Ph.D., .I.C., a director of the United Alkali Co., Ltd., is a andidate (U.) for the Widnes division of Lancashire.

MR. A. FOSTER CLARK (Foster Clark (1920), Ltd., ssence and cordial manufacturers, Maidstone) is seeking lection (L.) for the constituency in which the works of is company are situated. His opponents are the sitting nember (Commander C. Bellairs) and Mr. H. Dalton Lab.).

LADY COOPER, wife of Sir Richard Cooper, Bt., is contesting the seat (U.) at Walsall, which her husband a year ago intimated that he would resign at a suitable opportunity. Sir Richard, who is the proprietor of William Cooper & Nephews, sheep-dip manufacturers, Berkhampstead, has represented the constituency since 1910.

MR. F. W. CROSSLEY-HOLLAND, D.C.L., barrister-at-law and pharmacist, is contesting (N.L.) the Hemsworth division of the West Riding of Yorkshire. Dr. Crossley-Holland is the only son of the late Rev. M. Holland, F.L.S., Birmingham, and is descended from two old Yorkshire families. He was educated at Tamworth Grammar School and at the Sorbonne, Paris. After passing the Qualifying examination of the Pharmaceutical Society he was for some years on the scientific staff of Menley & James, Ltd., manufacturing chemists, London, E.C. In 1918 he was called as a barrister, and two years later he took the degree of doctor of civil law in the University of Oxford. Dr. Crossley-Holland has contributed several illuminating addresses on legal subjects at meetings of the London (Western) Pharmacists' Association, and his gifts as impresario at recent gatherings of the British Pharmaceutical Conference have assured the success of the smoking concerts of that body. It is safe to predict that he will enjoy any "heckling" he may receive, and will be ready to turn it to his own advantage.

DR. F. W. CROSSLEY-HOLLAND

SIR WILLIAM EDGE, M.P. (N.L.), chairman of W. Edge & Sons, dye manufacturers, Bolton, is again seeking the suffrages of his constituents in the borough, in which he is widely known and esteemed.

MR. C. S. GARLAND, B.Sc., F.I.C., chairman of the Joint Industrial Council of the gas-mantle industry, has been adopted as a candidate (U.) for South Islington.

MR. P. C. HOFFMAN, organising secretary of the Shop Assistants' Union, is standing (Lab.) for South-East Essex.

CAPTAIN AUSTIN U. M. HUDSON is standing as a candidate (U.) for East Islington. Captain Hudson is the son of the late Mr. Leopold Elliot Hudson, F.R.C.S., and grandson of the late Mr. Septimus Vaughan Morgan, one of the founders of THE CHEMIST AND DRUGGIST, "The Ironmonger," and the Morgan Crucible Works at Battersea. He was educated at Eton and Sandhurst, and joined the Royal Berkshire Regiment in France in 1916, at the age of nineteen. After being invalided with trench fever, and wounded, he joined the Guards Machine Gun Regiment, and was again at the front in 1918. He resigned his commission in 1920 to join Morgan Brothers (Publishers), Ltd., of which company he is a director. Captain Hudson is a member of the education committee of the London County Council.

MR. J. D. KILEY, M.P. (L.) for the Whitechapel division of Stepney, seeks re-election in his constituency. Mr. Kiley has taken an active part in the House of Commons debates on the Safeguarding of Industries Act, and has shown his sympathy with pharmacy by his presence at the last two annual dinners of the Pharmaceutical Society of Great Britain.

SIR GEORGE MCCRAE, Chairman of the Scottish Board of Health, is contesting the seat (N.L.) in Central Edinburgh against the sitting member, Mr. W. Graham (Lab.).

SIR ALFRED MOND, Bt., M.P., is again seeking the suffrages of his constituents at West Swansea (N.L.). He succeeded Dr. Christopher Addison as Minister of Health in the last administration, and in that capacity was the chief guest of honour at the Pharmaceutical Society's dinner in 1921.

COLONEL VAUGHAN MORGAN, a director of The Morgan Crucible Co., Ltd., has been adopted as a candidate (U.) for East Fulham.

Sir William Pearce, M.P. (N.L.), for the Limehouse division of Stepney, is again standing for his constituency, which he has represented since 1896. Sir William is a director of William Pearce & Sons, Ltd., and of Spencer Chapman & Messel, Ltd., manufacturing chemists, London, E. The business of Messrs. Pearce & Sons was established more than eighty years ago by Sir William's father, who was a member of the first London School Board. Sir William Pearce is a Fellow of the Chemical Society, and of the Society of Chemical Industry, a justice of the peace for the County of London, and an authority on commercial questions in general. He has shown a practical interest in chemical questions brought before Parliament, especially those affecting the interests of the London Chamber of Commerce. His knighthood was conferred on the occasion of the King's birthday in 1915.

Sir W. Pearce, M.P.

Sir William Whitla, M.P., M.D., L.P.S.I., is again a candidate (U.) for the Queen's University, Belfast, which he has represented for some years. Sir William was a doctor of medicine two years before he took the diploma of the Pharmaceutical Society of Ireland. He has been a professor in the Society's School of Pharmacy and in the Belfast University; and his works on materia medica and therapeutics are widely known. He was elected an honorary member of the Pharmaceutical Society of Great Britain in 1899, was knighted in 1902, and was one of the members of the Committee appointed by the General Medical Council to conduct the compilation of the British Pharmacopœia, 1914.

Sir W. Whitla, M.P.

Sir Richard Winfrey, M.P., Ph.C., is again standing (L.) in his old constituency, South-Western Norfolk, which he has represented since 1906. Sir Richard is a Lincolnshire man, and was apprenticed at Stamford. He passed the Major examination in 1880, and was subsequently with John Bell & Co., Oxford Street, London, W. From pharmacy Sir Richard found his way into journalism and agriculture, his services as an expert in the last-named sphere receiving recognition in 1916 by his appointment as Parliamentary Secretary to the Board of Agriculture. He is an ex-Mayor of Peterborough. Sir Richard has never lost his interest in pharmacy, both in Parliament and outside it, and is still to be seen from time to time at drug-trade functions.

Sir R. Winfrey, M.P.

Mr. J. W. Wilson, M.P. (L.) for the Stourbridge division of Worcestershire since 1895, is again contesting the seat. Mr. Wilson is a director of Albright & Wilson, Ltd., manufacturers of phosphorus and other chem Oldbury, Birmingham, and has done effective wo Parliament in such matters as that of the taxatio products used in the chemical industry.

The position of Sir Laming Worthington-Eva uncertain at the time of going to press, in view o possibility of his being raised to the peerage. Sir La is the son of a London solicitor, who was related to John Evans, founder of Evans Sons Lescher & W Ltd. He has been Unionist member for Colchester 1910, and while the National Insurance Act was through Parliament proved himself completely *au* with the details of that measure. Last year, in his city of Secretary of State for War, he unveiled a mem tablet to the late Colonel E. F. Harrison in the exa tion-hall of the Pharmaceutical Society. Sir Lam father was legal adviser on trade matters to The Ch & Druggist more than fifty years ago.

Personalities

Comp. C. M. Fann, chemist and druggist, has bee stalled P.S. of the Borough of Camberwell Chapter, 3,303, London, S.E.

Councillor W. H. Grimshaw, chemist and drug Blackburn, has been appointed on the board of gover of the Leyland Foundation.

Mr. William Corbett, chemist and druggist, Br grove, has been placed on the commission of the peac the county of Worcestershire.

Among the pharmacists who have been re-elected their respective town councils are Messrs. H. Blackadar, Portsmouth; J. H. Webb, Luton.

Sir William Glyn-Jones, registrar of the Pha ceutical Society of Great Britain, has resigned the posi of alderman on the Middlesex County Council.

Among recent magisterial appointments under Lunacy Act are: Mr. A. Lander, Ph.C., Canterb Mr. D. T. Evans, J.P., chemist and druggist, Marga

W. Bro. William Matthews, P.M., "Belgra Lodge, No. 3466, district of South America, Sout division, resident representative in Buenos Aires Burroughs, Wellcome & Co., has been installed 3rd Pr pal of the "Masefield" Chapter, No. 617.

Mr. H. Hoshi, President of the Hoshi Pharmaceu Co., Ltd., Kyobashi, Tokyo, Japan, together with brother, Mr. S. Hoshi, works manager, and eight or members of his staff, is at present in this country brief visit. Letters may be addressed to him at Hotel Cecil, London, W.C. 2.

At the presentation of prizes won by members of swimming section of Fulham Conservative Club, October 26, the recipients included Messrs. H. R. G nert, D.C.M. (scratch race and diving), and F. M. Ha chemist and druggist (plunging), both of whom are m bers of the staff of Bruce's, Ltd., chemists, North Road, S.W. Mr. W. F. G. Harris, son of Mr. F. Harris, was awarded the second prize in the ju handicap race. Mr. George Roe is president of the cri section of the club.

Wills

Mr. Arthur Thomas Jeeves, chemist and druggist and 89 St. George's Road, Brighton, who died on June left estate of the gross value of £3,861 8s. 11d., with personalty £2,020 0s. 10d.

Mr. Donald Henry Macfarlane, 5 Fenstanton Ave North Finchley, clerk to Figgis & Co., who died August 6, left estate of the gross value of £2,602 6s. of which £2,471 14s. 2d. is net personalty.

Mr. Francis Septimus Salter, chemist and druggist Elm Bank Gardens, Barnes, London, S.W., carrying business in Mount Street, Grosvenor Square, W., who on August 14, left estate of the gross value of £2 5s. 8d., of which £2,026 12s. 10d. is net personalty. will has been proved by Mr. Francis Septimus Sa chemist, 108 Mount Street, W.

Births

Barker.—At "The Outspan," Rickmansworth Road, Watford, on October 30, the wife of Donald W E. Barker, F.C.S., chemist and druggist, of a son.

Morrison.—At Hill Terrace, Inverness, on October 27, the wife of George Morrison, pharmacist, of a son.

Sutherland.—At 7 Northumberland Street, Edinburgh, on October 20, the wife of J. Young Sutherland, pharmacist, of a daughter.

Marriages

Billington—Jenkinson.—At St. John's Church, Barnsley, on October 19, by the Rev. R. Huggard, M.A., assisted by the Rev. G. O. Tibbetts, Roland Billington, chemist and druggist, eldest son of Mr. H. B. Billington, chemist and druggist, Sheffield Road, to Doris, third daughter of Mr. A. Jenkinson, Park Road. Address:—Askrigg, Mount Vernon Road, Barnsley.

Lamb—Cook.—At St. John's Church, Kingston-on-Thames, on October 22, Charles Frederick Lamb, chemist and druggist, only son of Mr. F. Lamb, Crowthorne, Berks, to Dorothy Ruby, youngest daughter of Mr. A. J. Cook, Orchard Road, Kingston.

Street—Calton.—At St. John's Church, Blackpool, on October 26, by the vicar (the Rev. A. W. R. Little, M.A.), Alfred George Street, chemist and druggist, to Alice Calton.

Deaths

Boor.—At 218 Hyde Road, West Gorton, Manchester, on October 21, Mr. Jonathan Boor, chemist and druggist, aged sixty-nine.

Brown.—At his residence, 8 Belgrave Crescent, Edinburgh, on October 28 Mr. Alexander Crum Brown, F.R.S., M.A., M.D., D.Sc., LL.D., emeritus professor of chemistry in the University of Edinburgh, aged eighty-four. Professor Crum Brown, who came of a line of Biblioal scholars, was a man of brilliant and versatile gifts; he held the same degree (that of LL.D.) at each of the four Scottish Universities, and other degrees in addition. In 1869 he began his tenure of the chair of chemistry at Edinburgh University, which ended by his retirement in 1908. Professor Crum Brown was President of the Chemical Society (London) in 1892-93. He was an excellent linguist, and frequently contributed to the proceedings of many learned societies. He was elected an honorary member of the Pharmaceutical Society of Great Britain in 1872.

Cadbury.—The remains of the late Mr. George Cadbury (chairman of Cadbury Brothers, Ltd., Bournville), whose death was announced in our last week's issue (p. 597), were cremated at Perry Bar on October 28. The ceremony was private, and was followed by a largely-attended public service in the Memorial Hall of the Bournville Estate. Among those present were Alderman F. C. Clayton, Ph.C., Mr. Alfred Southall, Ph.C., Mr. Joseph Sturge, and Mr. Wilfred F. Southall, Ph.C. Mrs. Cadbury has issued, in touching terms, a public acknowledgment of the many messages of sympathy that have arrived from all parts of the world.

Scott.—At Rye Hill, Newcastle-upon-Tyne, on October 23, suddenly, Mr. W. H. Scott (Scott & Turner, Ltd., manufacturing chemists), aged sixty-one. Mr. Scott passed away while addressing a meeting. In addition to his connection with Messrs. Scott & Turner, Mr. Scott was chairman of the Tyne Metal Company and a director of Raine & Co., Ltd., steel manufacturers. He was a prominent supporter of the Wesleyan Church, and was also associated with many other religious and social activities.

Sinderson.—On October 24, suddenly, Mr. Reginald Noel Standerline Sinderson, chemist and druggist, manager to Mr. J. A. C. Boyden, chemist and druggist, 21 Market Street, Pocklington, aged twenty-eight. (See p. 623).

Hanson.—At Southbourne, Bournemouth, on October 27, of heart failure following a chill, Mr. Arthur Hanson, retired chemist and druggist, late of Queensbury, Bradford. Mr. Hanson was apprenticed with Savage & Co., chemists, Bradford, and passed the Qualifying examination in December, 1887, commencing business in Queensbury a few months later. He served a term of office as President of the Bradford Pharmacists' Association, and also acted as its treasurer. In 1906 he was elected President of the Federation of West Riding Chemists' Associations. For forty-seven years he was an active worker in connection with Queensbury Parish Church, having held the offices of churchwarden, Sunday-school organist, and editor of the parish magazine. A year ago he disposed of his business, and, his health being not very satisfactory, retired to Bournemouth. Mr. Hanson came north a few weeks ago to take temporary charge of his old business, and it was either while there or on the return journey that he took a chill, and had been in bed practically ever since. Mr. Hanson had a deep fondness for music, as many of the older members of the British Pharmaceutical Conference will remember. The funeral took place on October 31 at Boscombe Cemetery, when a wreath was sent by the Bradford Pharmacists' Association.

Mr. Arthur Hanson.

Smith.—At 16 Haggard Road, Twickenham, on October 23, Mr. William Smith, chemist and druggist, aged eighty-seven.

Spencer.—On October 24, after a brief illness, Mr. George Spencer, Ph.C., 13 Anstey Road, Camberwell, London, S.E., aged sixty-one. Mr. Spencer, who was a native of Hitchin, carried on business for several years at Herne Hill, S.E.

Stantial.—At his residence, Hill Crest, Natal, on October 1, Mr. Edward Stephen Taylor Stantial, chemist, an ex-Mayor of Pietermaritzburg, aged seventy-nine. Mr. Stantial was born at Corsham, Wiltshire. Going out to Natal so long ago as 1863, he settled at Pietermaritzburg, the capital, and assisted his uncle, Sir John Akerman, for some time, subsequently succeeding to his business. Sir John Akerman was for many years Speaker of the Legislative Council. In addition to his drug business, Mr. Stantial carried on for a number of years the principal soda-water manufactory of the capital, and had the distinction of being the first to manufacture ice in Natal. He took an active part in public and social affairs. He was a town councillor for many years, and Mayor in 1889-90. A lover of music, Mr. Stantial was for many years a leading violinist in the orchestra of the town. He was a prominent Freemason, Worshipful Master of the oldest City Lodge, and held office in the District Grand Lodge, Provincial Grand Mark Lodge, and other higher orders of the craft. Mr. Stantial was endowed with a distinctive leaning towards mechanics and mechanical contrivances, and seemed to be equally at home whether driving a locomotive, conducting a pyrotechnic display, or repairing a clock. He was of a genial disposition, and his passing is regretted by many friends.

Stewart.—At 7 Cornwallis Place, Edinburgh, on October 29, Catherine T. Duncan, wife of Mr. Peter Stewart (representative of J. F. Macfarlan & Co., manufacturing chemists, Edinburgh and London).

Stiling.—At 4 Courtenay Street, Newton Abbot, on October 20, suddenly, Emmie, the dearly loved wife of Mr. John Edward Stiling, chemist and druggist, aged sixty-seven.

Ban on aniseed liqueurs.—A Government decree was published in France on October 26 prohibiting the manufacture of liqueurs from aniseed or resembling absinthe. Three months is allowed to manufacturers and vendors to dispose of their stock.

Trade Notes

RUSHTON & Co., Brynmawr, Breconshire, advertise their shop fittings and showcases in this issue.

LOSALL'S BALL-ROOM FLOOR-POLISH is in demand at this time of the year. The manufacturers are Lofthouse & Saltmer, Ltd., Hull.

CHRISTMAS GIFTS.—Sangers, 258 Euston Road, London, N.W. 1, have prepared a special list of articles suitable for sale as Christmas gifts. A copy will be sent on application.

TOOGOOD'S BRITISH LYSOL is put up in bottles from 4 oz. to 32 oz. and in tins of half and one gallon. The makers are William Toogood, Ltd., 77 Southwark Street, London, S.E. 1.

ADVERTISING BALLOONS.—The Altrincham Rubber Co., Mossburn Buildings, Altrincham, are large manufacturers of advertising balloons, which can be supplied with advertisements printed on them.

HOT WATER BOTTLES.—The Cornbrook Rubber Co., Ltd., 83 Farringdon Street, London, E.C. 4, illustrate in their advertisement some of their special lines in india rubber hot water bottles and air cushions.

WINDOW DISPLAY FOR CHRISTMAS.—Dudley & Co., 451 Holloway Road, London, N. 7, publish a special list of advertising matter for Christmas window decoration. There are many useful ideas shown in the list.

GILLETTE RAZORS are especially in demand as Christmas presents. The Gillette Safety Razor, Ltd., 184-188 Great Portland Street, London, W. 1, offer to send display matter, price tickets, and other advertising material on request.

CHRISTMAS LINES.—Useful lines in perfume sprays and other druggists' sundries suitable for Christmas trade are illustrated in the advertisement in this issue of Wm. Edwards & Sons, 157 Queen Victoria Street, London, E.C. 4.

THE SEMPROLIN CO., LTD., Carmex House, 18 Leather Lane, London, E.C. 1, have acquired the well-known Semprolin emulsions, Carmex and Deterzine, which are being manufactured under the supervision of the originator of the formulas.

SCHERING'S PREPARATIONS.—A. & M. Zimmermann, Ltd., 3 Lloyd's Avenue, London, E.C. 3, issue a booklet giving particulars of the special medicinal preparation of the Chemische Fabrik auf Actien vormals E. Schering. Copies will be sent on application.

PEARS' SOAP.—A reduction has been made in the wholesale price of Pears' unscented transparent soap and other specialties of A. & F. Pears, Ltd., 71-75 New Oxford Street, London, W.C. 1. Those who have not received the new wholesale list should write for it.

VANGE MEDICINAL WATER.—The Vange Crystal Well Co., Wakering Road, Barking, Essex, advertise in this issue the Vange medicinal water, which is obtained from a deep well at Luncies Farm, Vange. The analyst's remarks are quoted in the announcement.

ALMANACKS FOR 1923.—Cassell's General Press, 32 Fleet Lane, London, E.C. 4, are offering 1,000 illustrated almanack for £3 15s. The front page is reserved for the chemist's own advertising matter. The almanacks consist of sixteen pages of interesting matter. One style of almanack can be reserved for a chemist in a particular district.

"THE SAVARS SUNDRIES."—We have received from Evans Sons Lescher & Webb, Ltd., Liverpool, a copy of their new price list of druggists' sundries, which bears the title quoted above. The list measures 11 in. x 9 in., and is splendidly produced, containing hundreds of illustrations, some of them in colours. The list is divided into sections, and in the course of the 130 pages all the various requirements of the drug-trade, other than drugs and chemicals, are dealt with. The company's advertisement in this issue is devoted to Christmas perfumes. The leading lines are illustrated, and useful £10 and £5 assortments are given for the guidance of buyers.

QUROPAD.—The Quropad Co., 3 Porchester Road, Bayswater, London, W. 2, bring to our notice the Quropad, a new method of obtaining friction of the skin and using liniments. An illustration is given in the company's advertisement of the appliance, which consists of a circular aluminium box with seven steel balls freely moving round when the Quropad is rubbed on the skin. Liniments are applied by saturating pads of lint inside the box. It is a useful appliance for simple massage or for use by those suffering from rheumatism. The company will send particulars of the trade terms on application

Coming Events

This section is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Monday, November 6

Society of Chemical Industry, Engineers' Club, 39 Coventry Street, London, W.1, at 8 p.m. Dr. E. F. Armstrong, F.R.S., President on "Some Problems in the Chemical Industry."

Tuesday, November 7

Pharmaceutical Society of Great Britain, 17 Bloomsbury Square, London, W.C., at 8 p.m. First evening meeting of the session. Mr. E. White, B.Sc., F.I.C., Ph.C. (member of the Council), on "The Monazite Industry in its relation to the rare Earths and Radio-activity."

Wednesday, November 8

Leeds Chemists' Association, Hotel Metropole, King Street, at 7 p.m. Annual dinner. Guests of the evening:—Mr. E. Saville Peck. Dr. J. J. Jervis, and Mr. J. Gilbert Jackson. Tickets (8s. 6d. each) are obtainable from members of the council of the Association.

Pharmaceutical Society of Great Britain, Western (of London) Branch, Slater's Restaurant, 192, Oxford Street, W.1, at 8.30 p.m. Mr. Frank Browne, F.I.C., on "New B.P.C. Standards for Dressings." At 9.30, conversazione with music and light refreshments.

Thursday, November 9

London (North) Pharmaceutical Association, Central Pharmacy Club, Arundel Hotel, Arundel Street, W.C., at 3 p.m. Business meeting.

Salford Pharmaceutical Association, 40 The Crescent, Salford. Whist-drive.

WESTERN PHARMACISTS' ASSOCIATION.—The annual dinner of the Western Pharmacists' Association will be held at the Connaught Rooms, Great Queen Street, London, W.C., on November 15, at 7 for 7.30 p.m. Tickets from Mr. Harry Martin, 16-30 Graham Street, N.1.

LONDON (NORTH) PHARMACEUTICAL ASSOCIATION.—A whist-drive, arranged by Hornsey chemists, will be held on November 23 at St. George's Hall, Muswell Hill. Tickets (2s. 6d. each) from Mr. D. Anderson, Broadway Parade, Crouch End, N.8.

Information Department

INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated:

R/2010. Nielk's pastilles and tablets.
R/2710. "Perfecta" brand filter pulp (for brewers).
B/3010. "Verminine."
B/3010. "Alpha" hot-water bottles
L/2710. Hepitol.
W/1910. "Grip-on" safety razor strop.
H/2210. Stewart's safety pins
D/2510. Actual wickering in this country of eau de Cologne bottles
M/2110. Salicairine.

INFORMATION SUPPLIED

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, THE CHEMIST AND DRUGGIST, 42 Cannon Street, London, E.C. 4.

Thermos flasks. R/3010.
Enamelware measures. N/3010.
Bottle capping solutions (dipping process). T/3010.
Taylor's cimolite. M/2310.
Emol Keleet. M/2310.
"Royal Dorothy" Soothers (Cooke's Pat.). D/2510.
"Aurorscope" appliances. D/2310.
"Solac" food. S/2810.
"Argonaut" varnish. B/2610
Barrf's boro-fluceride. R/2410.
Leichner's grease paints. T/2510.
Nostroline. F/2010.
"Moskola" cream. F/2610.
"Mafco" liquorice juice. B/2010.
"Japonette." B/2010.
"Pasta Mack." Y/1910.
Colloidal clay. M/2310.

Observations and Reflections

By Xrayser II.

Politics

cannot, as you intimated in your last week's leader, be altogether dissociated from business, especially at a time when the question of Free Trade *v.* Protection is in the air. This is a question which has no necessary connection with what is usually understood as party politics, for there are both protectionists and free traders in all the party-groups, and though the former may predominate in one group and the latter in another, it does not seem likely at present that any one group will have such a majority in the new Parliament as to give it a free hand in regard to a question upon which opinion is so divided. The abolition of the Safeguarding of Industries Act will, however, be made a party cry in some quarters, and it is therefore necessary to remember that it is not, strictly speaking, a party question. To many of us its economic aspect is of greater importance than any other, and rightly so, for false economy can never really be good politics. The one crying need of the day is the revival of business. We are a business people—"a nation of shop-keepers," if you like—and upon our prosperity as such our place in the world ultimately depends. The view we take of the Act's effect on business should determine our attitude towards it as an election issue. A much less complicated subject on which to make up our minds is the high price of the postal service of the country. This, too, is a business matter, but it is one upon which there can hardly be two opinions. Every candidate for a seat in Parliament should be pledged to support a demand for reduction both of letter and of parcel rates.

The Gallic Acid Case

may with peculiar fitness be called the acid test of the competence of the Board of Trade for the duties entrusted to it under the Safeguarding of Industries Act. The Referee had no difficulty in showing that his decision in the cream of tartar case did not justify the inference drawn by the officials of the Board; he had made it quite plain that trade custom was the determining factor in his decision whether any chemical is "fine" or "heavy," and trade custom can obviously only be pleaded with respect to particular chemicals in dispute. Before excluding gallic acid the Board ought to have ascertained what trade custom was with regard to it, instead of which they excluded it on the ground that the reasons the Referee had suggested as influencing trade custom in the case of cream of tartar, tartaric acid, etc., applied also to it, which is not necessarily true. It would perhaps have been wiser on the Referee's part not to have gone into the reasons for the use of the terms "fine" and "heavy," but the inference drawn from his remarks was clearly unwarrantable.

Mr. William Forster

disagrees with my statement that "pharmaceutical chemist" and "pharmacist" are virtually synonymous. Well, I will amend the statement, and say that they are really synonymous. They are used as synonyms in the Act of 1868, which forbids those who have not the Major qualification to assume the "Name or Title Pharmaceutical Chemist, Pharmaceutist, or Pharmacist," and the Oxford Dictionary gives "Pharmaceutical Chemist" as a synonym of "Pharmacist." I did not intend to imply that the two titles are of quite equal value to us, for the former has acquired a factitious value from its longer and more exclusive use. It has, too, the advantage of retaining "chemist," which, as I have always maintained, we must never surrender, though I see no reason at all why we should object to its stricter definition as applied to ourselves. I am glad that Mr. Foster agrees that the Major title should be extended to all chemists and druggists. That is the main point. The irony of the present situation is that the higher title "pharmaceutical chemist" really means less than the lower "chemist" which we may all use without the qualifying addition (for such, in effect, it is) "and druggist."

Our Difficulties

with doctors in connection with the Dangerous Drugs Act are well illustrated by the recent experience of a friend who writes to me on the subject. A doctor brings a patient into the shop and orders for him a dozen morphia suppositories. Being asked to write a formal prescription he does so, but loses his temper when required to sign his full name and add his address. This, he says, is an insult, and has never been required of him before. A day or two afterwards a prescription, written by another doctor, for cocaine ointment is presented which has not on it the address of the patient. It is sent on by my friend to the doctor, who lives a mile and a half away, for the address to be added. Again there are ructions. Sheer red-tapeism, says the doctor; and why couldn't the chemist add the address himself? These, as my friend says, are petty annoyances, but they are sufficient to cause the ointment of the apothecary to stink. Doctor's don't seem to know what savage fines are imposed upon chemists for the most trivial infraction of the regulations.

The "Man from London"

has ideas of advertising from which I profoundly dissent, but he is always interesting, and has never been more so than in what he tells us about the Chemical Foundation and the new United States Tariff. Into the merits of the dispute over the former I am not qualified to enter, but it is rather startling to be told that a Corporation with a capital stock of no more than 500,000 dollars has acquired such power over American chemical industry as the Foundation is said to have, and it is sufficiently evident that its motives and action are not altogether purely patriotic. As for the United States Tariff, it is enough to say that, as a well-known writer on political economy declared the other day, if every country in the world were to set up a similar tariff wall there would at once be an end to all international trade. We, who as a people live upon international trade to the extent to which we do, may again take a lesson from across the water, different as are the conditions here and there.

Maté Tea

has been the subject of several articles in the *C. & D.* and other trade journals lately, but it is curious, if the herb has all the good qualities claimed for it, that its use is comparatively unknown except in certain restricted areas. The average consumption per head of the population in the state of Paranâ in Southern Brazil is, says Mr. Franck ("Working North from Patagonia"), ten pounds per annum, but, he adds, "it has never made its way outside South America, though foreigners who have lived there come to demand it as loudly as the natives." The infusion, which is drunk out of pear-shaped gourds through a reed or metal pipe, is described as "somewhat bitter." Narcotic in its influence, it has none of the after-effects of tea or coffee, but possesses medicinal properties, being "a blood purifier, tonic, laxative, febrifuge, and stimulant to the digestive organs." The shrub is of the holly family and grows profusely in the temperate regions of Eastern South America at an elevation of from 1,500 to 3,000 feet. The average yield per shrub is about 200 pounds of leaves and branch ends, which in the factory is reduced to about half that amount, and as each portion used will bear infusion several times without loss of strength or flavour it is cheaper than tea. The descendants of the Conquistadores acquired the habit of drinking it from the natives, but it was the Jesuit priests who taught the latter to gather it for trade purposes, and on this account maté was formerly called "Jesuits' tea."

Brazilian Carnauba Wax.—The total exports of carnauba wax from Brazil during the past four years have been as follows: In 1918, 4,215 metric tons worth 20.432.956 milreis; 1919, 6.224 tons (20.539,680 milreis); 1920, 3.516 tons (10,873,046 milreis); and 1921, 3,906 tons (10,394,627 milreis). The chief ports of shipment are Fortaleza, in the State of Ceara, and Ilha do Cajueiro, in the State of Maranhao.

With Only One Writing The McCASKEY SYSTEM The End of Drudgery

FIRST AND STILL THE BEST

ELIMINATES BOOK-KEEPING

THE McCASKEY REGISTER CO., WATFORD

(1)

FENNINGS' 50 YEARS' REPUTATION

Children's Powders

ADVERTISED EVERYWHERE. READY SALES.

ALFRED FENNINGS, Cowes, I.W.

M. NAEF & Cie (late CHUIT, NAEF & Cie), GENEVA.

HAVE MANY SPECIALITIES IN

SYNTHETIC PERFUMES

OF EXCEPTIONAL QUALITY

SOLE AGENTS:

P. SAMUELSON & CO., 27 Mincing Lane, London, E.C.3

WHO ARE ALSO DIRECT IMPORTERS OF

MUSK, CIVET, and all ESSENTIAL OILS.

Telephone: Minories 1660. Telegrams: "Moschus, Fen, London."

"SANITAS" EMBROCATION

SHOULD BE STOCKED BY ALL CHEMISTS.

S.V.R.—Absolute Alcohol

AND

CHEMISTS' WINES.

Jas. Burrough Ltd. D.1 Cale Distillery, Hatton Rd. LAMBETH, S.E.11.

"HARPIC" REGISTERED TRADE MARK

Folders. Yes! 500 of them, properly describing the product, and printed with your name and address, not only sell this needed commodity, but also advertise you and your business.

Our reply to your postcard will tell you how easy it is to get these profit increasers.

HARPIC MFG. CO., Dept 10C.J., 1 Avenue Rd., Camberwell, S.E.5

WHITE BRILLIANTINE

STERNS LTD.

80 Royal London House, Finsbury Square, London, E.C.2. (3)

OILS

STANDARDISED GALENICALS

RANDALL & WILSON, LTD.

Wholesale Druggists,

SOUTHAMPTON.

Established 1792.

Dispensing Unstamped Proprietaries

WE have had several questions raised lately regarding the correct practice in dealing with proprietary articles from packages supplied unstamped for dispensing. In the *C. & D. Diary*, 1921, we epitomised the decisions on the subject, but the conclusion we arrived at that "dutiable lozenges, pills, tablets and any other preparation which is used without other admixture are not allowed

be supplied to chemists unstamped" has been hallenged. As can be seen from the lists of wholesale ealers in patent medicines, there are numerous articles f the character mentioned above which are obtainable unstamped for dispensing." The dispensing prices of any of these proprietaries are also worked out in the . & D. Retail Price List, on the basis of the wholesale rices of unstamped articles. The origin of the practice f allowing proprietary medicines to be supplied unamped for dispensing appears to be an endeavour to lace British makers of articles suitable for dispensing urposes upon an equality with Irish manufacturers—the Iedicine Stamp Acts not extending to Ireland. It was hought that it would place a British maker at a disdvantage if Irish makers could send proprietary medines to England for sale at a lower rate than the British aker, who had to pay stamp duty. The Irish proietary article would not become liable to duty in this untry unless it were sold in a dutiable form, and disensing as part of a medicine is not a mode of sale conmplated by the Medicine Stamp Acts. The practice as been to require this class of proprietary medicines be put up differently from the dutiable packages and belled "unstamped for dispensing purposes only." The ndition is made that the packages are only to be pplied to chemists, and the Board of Customs and xcise require each maker or first vendor to obtain special thority for the supply of articles unstamped for disnsing. We do not know that the Board could enforce e last-named condition, although makers are glad to vail themselves of the Board's sanction; but it is pracally certain that many of the articles of the character ferred to, listed in wholesale lists, have not received e Board's sanction for sale in this form. It occurred us that there had been some misconception regarding e meaning of the Board's expression, "component part f a medicine prepared in accordance with a prescription f a medical practitioner." If, for instance, this could be nstrued to mean "component part of a prescription" would have been possible to have covered the supply f proprietary tablets in a prescription. We have scertained, however, that "component part of a medine" really means one of the ingredients in a mixture, intment or similar compound. It is an offence under ection 2 of the Medicine Stamp Act, 1803, to receive nstamped dutiable medicines, for the purpose of selling gain, without returning them or informing the Commisioners of the fact within ten days. We do not remember case under this section, and it would not apply to e case of unstamped proprietaries supplied for dispensng, as dispensing is not regarded as a mode of sale overed by the Acts. There exists, however, in Section 3 f the Medicine Stamp Act, 1802, a provision that duties hall not be paid on dutiable articles "in bulk," and it s this section which renders it possible to supply tablets, ills, etc., unstamped for dispensing. It is necessary, owever, that these be really "bulk" packages, and ot the same size packages in which the article is upplied stamped to the public. There should also be n absence of labels and literature containing recommenations for ailments that are an appeal to the public. It hould be stated, however, that the meaning of "bulk" n the Medicine Stamp Act is not entirely clear; authoriies differ on the point. It will be noticed that the argest value of a medicine stamp is £2 for a medicine ver the value of 50s., so that clearly a limit is contemlated for the retail package. The Board informed us ome years ago that when medicines are done up in the ackages in which they are intended to be sold, however large the quantity may be, they are no longer in "bulk." It will thus be seen that both the supply to chemists of unstamped proprietary medicines in "bulk" and the dispensing of such medicines by chemists without affixing stamps are legal acts, so long as the conditions which we have outlined are observed. If, however, retail sales are made from an unstamped bulk package the correct stamp duty must be paid.

Applying for Situations

A CHEMIST who advertised for an assistant in a recent issue of the *C. & D.* informs us that, out of thirty replies received, a good proportion had to be turned down because the applicants failed to give adequate particulars. Many of these applicants, he stated, are, no doubt, quite smart men, but the fact that their letters are lacking in the necessary details reduces their chance of engagement to a minimum. If candidates were to realise that salesmanship is an important factor in seeking a situation there might be fewer disappointing letters of application. Everyone has something to sell. It may be in a concrete form like merchandise or capital, or it may be only an abstract commodity like brains or service. An assistant, therefore, has to display his qualities to the best advantage in order to get as good a price in money and experience, or a mixture of both, as he can, and his opportunity of so doing lies in his first letter. He must remember also that there are others who have exactly the same intention, so not only is he displaying his "goods," but he is also competing against other men with equally good or better quality offering, maybe, at a cheaper rate. The first point in considering an advertisement is: "Am I likely to meet the requirements?" It is hopeless, for example, for an unqualified man, who has had "thirty years' experience and as good as qualified" to apply for a situation as a qualified man. His opinion may be entitled to respect, but experience cannot be framed and exhibited in a shop. There the matter ends. Having decided on his suitability, a candidate must also decide to give fullest personal particulars to back up his application. Some things to avoid are: opinions, family details, and writing on the bill heading of one's present employer. Good-quality notepaper creates "atmosphere"—the blessed word of advertising. Brevity and conciseness is appreciated by an employer who, if he were to give even five minutes' consideration to thirty letters, would expend altogether two and a-half hours. By eliminating the badly written epistles, verbose statements, and letters without details he usually gets down to three or four in half an hour with a vague feeling of uneasiness that the best man may be, after all, "in the waste-paper basket." How then should a letter of application be written? The average applicant starts off with something like this: "In reply to your advertisement in the *C. & D.* Supplement, I beg to state that I am a suitable applicant . . ." and so on. The maddening effect of reading thirty letters more or less with only a slight variation from this in the opening paragraph, especially after a trying evening on Insurance dispensing, may be imagined. It is the initial sentence that decides whether the interest of the prospective employer is to be aroused, and still applicants neutralise their prospects with the first weak stereotyped phrase that may occur to them. The capital "I," like capital generally, should be sparingly used, for it is by talking "you" that the world's attention is gained. A suggestion for an opening phrase may appear almost a contradiction of what has been said of stereotyped phrases, but, bearing in mind that the individual point of view should always be expressed, something after this style

may be used : " The following particulars of my qualifications, in response to your advertisement in the *C. & D.* Supplement of last week, will, I trust, convince you of my suitability for the post.—Yours faithfully, X. Y." Then should follow the bare facts, tabulated in such a way as to save the employer's time, thus :

Name .....

Address .....

.....

Age..... Height..... Married (or not).....

Educated at .....

.....

Served apprenticeship with .....

.....

Examinations passed, and medals and prizes won .....

.....

Assistant for ..... years with .....

.....

Reasons for leaving .....

When free .....

Salary required .....

Additional qualifications (Photography, French, good dispenser, salesman, optics, window-dressing, etc.) .....

.....

Remarks .....

.....

Under " remarks " any points indicated by the geography of the shop should be developed. For example, East-End, West-End and agricultural pharmacies suggest certain suitable attributes. Obviously the letter must be well written and grammatically constructed. If an interview is easily arranged there is no need to send a photograph. But, if it is sent, a stamped addressed envelope should be enclosed for its return. Otherwise there is no need to send a stamp at all. It is also unnecessary to send original references. With such an application before him an employer can visualise his man, and when he meets the candidate at an interview it is only a question of clinching the transaction.

Pharmaceutical Society of the Orange Free State

A GENERAL MEETING of the Pharmaceutical Society of the Orange Free State was held at Vicker's Buildings, Bloemfontein, on October 4. There were present Messrs. Carter (President), Weller (secretary), Taylor, Abrahams, Reid, Abelson, and Block (members). The President reported that an arrangement can be made whereby the Society could share rooms at the Board of Executors' Buildings with another tenant, who only required the rooms in the daytime. It was agreed that the rooms committee be given power to act in this matter. A discussion ensued on the Draft Dangerous Drugs Regulations Act. The points touched upon were : Regulation 8.—A Register must be kept of the dangerous drugs compounded in the pharmacy, and detailed records of the quantities used made. They are only to be supplied upon written order, properly signed. Such order authorises one issue only. Regulation 11.—The Register is to be kept continuously up to date and balanced on the last day of each month, showing clearly the quantities remaining in stock. Regulation 17.—Penalty for infraction £100 or six months' imprisonment. Regulation 18.—Responsibility for all acts of subordinates on shoulders of principal. Regulation 10.—Burden of proof of defence on defendant. After some discussion it was left to members on the Pharmacy Board to bring the matter forward at the next meeting of the Board.

Corner for Students

Conducted by Leonard Dobbin, Ph.D.

Communications should be addressed "Corner for Students,' The Chemist and Druggist,' 42 Cannon Street, London, E.C. 4."

Qualitative Analysis

A MIXTURE of not more than three salts will form the subject of the next exercise in qualitative analysis. The mixture will comprise acids and inorganic bases occurring in the British Pharmacopœia, and is to be submitted to a thorough systematic examination, all its constituents are to be detected, and proof is to be given that the substances detected are the only constituents of the mixture.

Students' applications for portions of the mixture of salts (accompanied by *a stamped and addressed envelope* not a stamp merely) will be received up to Tuesday, November 7, on which day the samples will be posted. Students' reports will be received up to Saturday, November 18. Each report should contain a concise account of the work done, and should include a list of the constituents detected. In this list any substance regarded as an accidental impurity should be distinguished from the essential constituents of the salts composing the mixture.

The analysis announced above forms the opening exercise in

The Analytical Tournament

for the current winter session. Students may forward six stamped addressed envelopes (marked on the top " Corner for Students "), to be utilised month by month for the " salts." We offer special certificates and prizes for the best series of reports submitted on the exercises to be set from November 1922 to April 1923 inclusive. The awards will be made to the students who obtain the highest aggregates of marks for their reports upon the whole six exercises, and will comprise :

First Prize.—Certificate of honour and books to the value of three guineas.

Second Prize.—Certificate of honour and books to the value of one and a half guinea.

Third Prize.—Certificate of honour and books to the value of 15s.

The competition is open to all pharmacy students who have not passed the Major examination in Great Britain or the Licence examination in Ireland. Former tournament prize-winners are disqualified from taking a tournament prize, unless it be a superior one to that previously gained. Besides the tournament prizes, the usual monthly awards will be made to junior students, viz. :

First Prize.—Books to the value of 15s. or thereabouts.

Second Prize.—Books to the value of 7s. 6d. or thereabouts.

These monthly prizes will be awarded only to apprentices or assistants who are preparing for the Qualifying examination of the Pharmaceutical Society of Great Britain or of Ireland, which fact *must be attested on their reports.* Students who adopt a *nom de plume* must adhere to it throughout the tournament.

" LEAD POISONING from beer-drinking which occurred recently in certain districts of Middlesex was traced to the consumption of beer supplied by a particular firm of brewers, and was limited to persons resorting to certain public-houses in the cellars of which large iron tanks, lined internally with white enamel, had recently been provided for storing the beer. Samples of beer from these public-houses were taken for analysis, and were found to contain about 1 gr. of lead per gallon. The beer as it left the brewery was ascertained to be free from lead. It was discovered that a lead glaze had been used in the preparation of the enamel, and that from this source, by means of the plumbo-solvent properties of its sugars, the beer became contaminated. The use of these tanks was at once discontinued by the brewery company, thus cutting off risk of further danger from this source."—" Lancet."

Brewers' Exhibition

THE thirty-ninth exhibition and market of products and appliances used by brewers, licensed victuallers, caterers and allied traders opened at the Royal Agricultural Hall, Islington, London, N., on October 28 and closes on November 3. It is one of the most popular among the many trade gatherings held in that building during the year, and its interest for the drug-trade is by no means so small as might appear on a casual inspection of the large-scale machinery with which the greater part of the vast floor is covered. The large number of entries in the various competitions bespeaks keen practical interest in turning out high-class products. One of the "beverages" judges is Mr. W. T. W. Idris, and we notice that marks are awarded—"beverages" in this connection signifying dry ginger ale or stone ginger beer—for (1) bottling; (2) opening outburst, appearance in glass, and effervescence; (3) taste and bouquet; (4) purity and freedom from harmful preservatives. Several prizes have been given by manufacturing firms and companies in this and other competitions. The following are notes from the drug-trade standpoint arranged in alphabetical order of the exhibitors:—

BOOTS PURE DRUG CO., LTD., have a striking stand, with reception-room, devoted to Boots British saccharin, 550, and its preparations. A diagram about seven feet high shows (with specimens) the derivation of saccharin from coal, and the representatives in charge regretted that our visit came too early to enable us to see photographs of the actual process of manufacture. The scale on which saccharin is made at Nottingham is, however, well known to *C. & D.* readers; and it only remains to be added that guaranteed content is the cardinal feature of Messrs. Boots' claim for their product. While in the reception-room we examined with interest a new "costmeter visible card index" from the company's systems department. This may roughly be described as a combination of a file and a card index arranged for costing purposes, and is smartly turned out in either an aluminium or a japanned metal case. It should make the work for which it is planned a pleasure.

THE BRITISH SYPHON MANUFACTURING CO., LTD., occupy a considerable space with their artistic stand, and syphons of their manufacture are cleverly worked into a decorative scheme which is quite one of the best in the hall.

JAMES BURROUGH, LTD., have concentrated on the non-pharmaceutical side of their extensive connection, their exhibit, apart from such things as invalid port and British wines, being of greater interest to the *bon viveur* than to the lean apothecary. One of the most striking and original ideas of the display is the presence of stalwart "beefeaters" arrayed in uniforms that look as if they came from the Tower of London.

COLEMAN & CO., LTD., exemplify in their large stand the possibilities of the one-article display, the material consisting chiefly of Wincarnis and a purple background, and the effect being admirable.

DAWSON BROTHERS, LTD., have an extensive display of bottle-washing, bottle-filling, and corking machines—a display excelled by none and equalled by few of the exhibitors. Machinery of this kind is becoming indispensable for large-scale production.

THE GRAESSER-MONSANTO CHEMICAL WORKS, LTD., have an individual display, an important feature of which is a pair of moulded structures, one of salicylic acid and the other of saccharin.

OXO, LTD., have a smart show of Oxo, Oxo cubes, meat soup tablets in four varieties, and various canned products, with samples to show the visitor how tasty these goods are.

PAINE & CO., LTD., have a reception-room in which brewers' malt extract is the leading feature, as befits a brewers' exhibition. In the course of a chat with the representatives present we were glad to learn that the pharmaceutical side of the business is far from dull, and that the products known to *C. & D.* readers are in steady and, indeed, increasing demand.

H. SMETHURST & SONS, LTD., have a neat display of Exterpest, a non-poisonous powder the name of which sufficiently conveys its function. "Why pay big money in contracts?" asks a pamphlet distributed at the stall—a point worth consideration in these days of high taxes.

Among the other exhibitors are: THE BRITISH SACCHARIN MANUFACTURING CO., LTD.; ARTHUR C. DAWSON & CO., LTD. (chamois leathers, Brazilian and other cleaning cloths); FARROW & JACKSON, LTD. (bottle-washing machinery); E. J. HAY & CO., LTD. (caramel); HELLER & SONS (rubber stamps); THOMAS HILL (bottle-washing machinery); JOSEPH LONG (scientific apparatus); OZONAIR, LTD. (ozone apparatus); WILLIAM REEVES & CO. (laboratory apparatus); THE SACCHARIN CORPORATION, LTD.; H. H. STARK, LTD. (trucks, ladders, etc.); ARTHUR WHITTAKER (flavouring-essences and colourings).

Retail Pharmacists' Union

Derby (Borough).—The annual meeting of the Derby Branch (No. 1) was held on October 24. Mr. Taylor, in the chair, briefly reviewed the year's work, and congratulated the secretary on the economical working of the Association, £43 only being spent on behalf of the Pharmaceutical Committee, £19 of which was for checking prescriptions. Yet Derby, for its slight expenditure (less than 1¼ per cent.) has retained as many privileges as its more expensive neighbours, viz., triplicate prescriptions, tablespoonful doses, and white bandages instead of grey. In connection with the Pharmaceutical Society's scheme, a branch of the Society was formed and its first meeting will be held on November 29. In due course every member and student-associate within a 12-mile radius, will receive a personal invitation. A scheme for testing samples of medicines dispensed for insured persons in the area was drawn up, and Mr. Thomas Tickle is to be asked to conduct the analyses. The number of prescriptions dispensed during 1921 was 141,556, at an average ingredient-price of 5.1d. and a dispensing-fee of 5.3d. per prescription. For the coming session Mr. Clayton Smith was elected *Chairman*, Messrs. Daykin, Turner and Churchill re-elected *Treasurers*, with Mr. H. G. Toy again *Hon. Secretary*. £4 5s. was subscribed to the Pharmaceutical Society's Benevolent Fund.

Lancaster.—The annual meeting of the Lancaster and District Branch was held on October 30, Mr. H. Troughton presiding. The following officers were elected: *Chairman*, Mr. H. Troughton; *Vice-Chairman*, Mr. F. N. Whitehead; *Secretary*, Mr. A. H. Robertson; *Treasurer*, Mr. R. T. Simpson; *Auditor*, Mr. A. T. Maxwell; *Executive*, Messrs. W. R. Aked, J. B. Shattock, A. Bate, and G. E. Whineray. The following resolution was carried unanimously: "That this meeting of the Lancaster and District Retail Pharmacists' Union regrets the tendency on the part of manufacturers to violate verbal agreements with pharmacists, and requests the R.P.U. to take all possible steps to prevent such violation."

Leicester.—The local Branch, on October 24, provided a musical entertainment at the Shaftesbury Hall, in connection with the distribution of prizes in the local window-dressing competition, and invited assistants and friends. An excellent concert, consisting of songs by Miss Coleman, Miss Tebbs, Mr. T. Peberdy, Mr. Dennis, and Mr. H. Gray, humorous stories by Mr. Ingram, and humorous songs by Mr. Ballington, with Miss N. Cox as pianist, was thoroughly enjoyed. The prizes distributed during an interval were: (1) Silver challenge rose-bowl and cheque (£3) to Mr. W. Williamson (who wins the trophy outright, having gained the first prize on three occasions); (2) £2 cheque, Mr. F. J. Dickson; (3) £1 cheque, Mr. F. T. Langham. The secretary had a pleasant surprise for the audience by announcing an offer of another challenge cup from Mr. F. W. Goodess for the same competition. The chairman remarked that the occasion reminded him of old cricket-club functions, which laid the basis of a good understanding between masters and assistants.

THE annual dinner of the Bath Pharmaceutical Association has been fixed for November 30

Optical Benefit

THE following contract terms and prices, agreed upon between the National Insurance Beneficent Society and the National Association of Opticians in respect of optical benefit under the additional benefits of approved societies, will remain in force until further notice :—

	s.	d.
Fee for sight-testing, frame, measurement and fitting	6	6
Fee for dispensing oculists' prescriptions (including frame measurement and fitting) .. (Postage allowed on each case, 6d.)	5	0

The testing-fee will be paid whether glasses are supplied or not, and the optician agrees not to supply glasses in any case where there is doubt, presumption, or evidence of disease, but will report same to the N.I.B.S., when arrangements will be made for examination by a medical practitioner.

FRAMES, LENSES, &c.

	s.	d.
Spectacles, Cable or straight sides :		
G.F. 1/10th, 12ct.	5	0
Solid nickel	1	9
Steel nickel	2	0
" Windsor " frames	6	6
G.F. frmless. mounts, C/S	4	6
Alumnico frmless. mounts	3	0
Astigs, Folders, etc. :		
G.F. astig 1/10, 10ct. stiffened	4	6
Nickel astig	2	6
Nickelled steel	2	0
Canadian folder, 1/10th, 10ct.	5	0
Canadian folder, nickel	2	4
" Boston " clip, 1/10th, 12ct.	5	6
" Boston " clip, nickel	2	6
Fits-U frmless. G.F. 1/10, 12ct.	3	9
Fits-U frames, G.F. 1/10, 12ct.	5	0
(Cases each 1s.)		

Repairs, breakages, renewals, &c., to be paid by clients personally.

LENSES AND GLAZING

Sphericals

	Double Cx. or Cc. frmd.		Double Cx. or Cc. frmless.		Periscopic Cx. or Cc. frmd.		Periscopic Cx. or Cc. frmless.	
	s.	d.	s.	d.	s.	d.	s.	d.
Plano to 2.0	1	10	2	6	2	6	3	2
2.25 to 4.25..	2	2	2	10	2	8	3	4
4.50 to 6.0 ..	2	6	3	6	3	0	4	0
6.50 to 8.0 ..	2	10	3	10	3	6	4	6
8.50 to 10.0 ..	4	0	5	6				
10.50 to 13.0 ..	5	0	6	6				
13.50 to 16.0 ..	6	0	7	6				
17.0 to 20.0 ..	7	2	9	2				

Deep Meniscus

Convex (—6.0 base curve)	frmd. s.	d.	frmless. s.	d.
0.12 to 2.0	5	0	6	6
2.25 to 4.25	6	0	7	6
4.50 to 6.0	7	0	8	6
6.5 to 8.0	9	0	10	6
Concave				
0.12 to 2.0	5	0	6	6
2.25 to 4.25	6	0	7	6
4.50 to 6.0	7	0	8	6
6.50 to 8.0	9	0	10	6

All prices are quoted per pair.

Plano- or Sphero-cylinders (+⊂+) or (—⊂—)

	Cylinders 0.12 to 2.0 frmd. s.	d.	Cylinders 0.12 to 2.0 frmless. s.	d.	Cylinders 2.25 to 4.25 frmd. s.	d.	Cylinders 2.25 to 4.25 frmless. s.	d.	Cylinders 4.50 to 6.0 frmd. s.	d.	Cylinders 4.50 to 6.0 frmless. s.	d.
Plano-cyls.	3	10	4	10	4	10	5	10	5	10	7	4
Sphericals.												
0.12 to 2.0	4	2	5	2	5	2	6	2	6	2	7	8
2.25 to 4.25	5	2	6	2	6	2	7	2	7	2	8	8
4.50 to 6.0	6	2	7	8	7	2	8	8	8	2	10	8
6.50 to 8.0	7	2	8	8	8	2	9	8	9	2	11	8
8.50 to 10.0	9	6	11	0	11	0	12	6	12	0	14	0
10.50 to 13.0	11	0	13	6	12	6	15	0	13	6	16	0
13.50 to 16.0	12	6	15	0	14	0	16	6	14	6	17	0
17.0 to 20.0	14	0	16	6	15	6	18	0	16	0	18	6

For (+⊂—) or (—⊂+) extra 8d.

Toric Cylinders

+&+on+6.0 base. Spherical	Cylinders 0.12 to 2.0 frmd. s.	d.	Cylinders 0.12 to 2.0 frmless. s.	d.	Cylinders 2.25 to 4.25 frmd. s.	d.	Cylinders 2.25 to 4.25 frmless. s.	d.	Cylinders 4.50 to 6.0 frmd. s.	d.	Cylinders 4.50 to 6.0 frmless. s.	d.
0 to 3.0	8	6	10	6	10	0	12	0	12	6	14	6
All other combinations of sphs. and cyls. on +6.0 or —6.0 base.												
0 to 2.0	9	6	11	6	11	0	13	0	13	6	15	6
2.25 to 4.25	11	6	13	6	13	6	15	6	16	0	18	0
4.50 to 6.0	13	6	15	6	16	0	18	0	18	6	20	6

Extra for other than 6D base curve on torics, 5s. per pair.

Tinted Lenses

Add to prices of white lenses 2s. 6d. for sphericals, 4s. for plano- or sph.-cyls., and 5s. for meniscus or torics.

Addition to Prices of :—

	Sphericals. s.	d.	Plano or Sphero Cylinders. s.	d.	Deep Meniscus Sphericals or Toric Cylinders. s.	d.
Cemented bifocals	4	6	5	0	7	0
Prisms 1 deg. to 4 deg.	2	6	2	6	3	0
Prisms 5 deg. to 8 deg.	4	0	4	0	4	6
Oval centre concave, per surface ..	2	3	2	3		
Round centre concave, per surface	1	3	1	3		
Round centre convex	4	6	4	6		

The following general extras to be added to the foregoing prices :—

For frameless specs. 6d. per pair to prices for frameless sphericals.

For frameless specs. 1s. per pair to prices for frameless cylinders, meniscus and torics.

For round lenses up to 42 m.m., 6d. per pair.

For large lenses over 42 m.m. round or 000 oval, extra according to size.

Opticians are particularly requested in all cases of doubt to refer the case back to the National Insurance Beneficent Society with a view to an ophthalmic surgeon's advice being sought. The test fee will be payable in every case so referred back.

Scottish Pharmaceutical Federation

A MEETING of the Glasgow branch of the Scottish Pharmaceutical Federation was held at 165 Hill Street, Garnethill, Glasgow, on October 23, Mr. David W. Robb, the President of the Branch, in the chair. The President gave particulars of the work undertaken by the council since the last general meeting, which included the following : The sale of articles which do not yield a reasonable margin of profit; the sale by a co-operative society of Angiers' Emulsion and Virol at less than fixed prices; the prosecution of five chemists for infringements of the Closing Order; discount allowable to professional photographers (an allowance of 10 per cent. can be made provided the articles sold are for their own use and not for resale); a pharmacy in Glasgow carried on by an unqualified man; Sunday trading; and supply of medicines through public bodies, such as the Public Health authority (Tubercular, Child Welfare and Venereal Disease cases), Parish Councils, Educational Authorities, etc. In regard to the last-mentioned matter it was explained that in the case of Public Health and Parish Council work in Glasgow the dispensing of medicines is done at the Corporation's Public Dispensaries, and that the cost to the ratepayer is very much greater than would be the case if the medicines were dispensed by the retail chemist, as is done under the National Health Insurance system. A long discussion took place in connection with this matter, and ultimately the following resolution was unanimously passed :—

That this meeting of chemists in business in the city of Glasgow is of opinion that the supply of medicines and medical appliances by public bodies be carried out under the same system as that of the National Health Insurance, and decides that it be remitted with full powers to the council of the Glasgow branch of the Scottish Pharmaceutical Federation to take such action as is necessary to attain this object.

Associations' Winter Session

Cardiff.—A meeting of the Cardiff Pharmacists' Association was held on October 24, the President (Mr. A. J. Harris) in the chair. It was unanimously decided to retain affiliation with the South Wales Pharmacists' Federation for the current year. A letter was read from the secretary of the Cardiff Friendly Societies Association, asking a representative of the Cardiff Association to attend the next Friendly Societies meeting, the object being to explain the working of the Insurance Act, particularly dealing with the pharmacist. It was decided that Mr. Joseph and Mr. A. S. Johnson should undertake this work, the conference to take place during February, 1923. Mention was made of the progress made toward the "Albert Hagon" Testimonial Fund, the local effort being entirely successful. The presentation of an illuminated address will take place at the annual dinner in November. Several suggestions were considered to promote interest in the Welsh National Fund among the associations. The following were unanimously elected to form the executive for the year 1923:—*President*, Mr. J. D. Jenkins; *Vice-President*, Mr. S. H. Willis; *Secretary*, Mr. S. W. Hague, *Assistant Secretary*, Mr. H. F. Davies; *Treasurer*, Mr. A. J. Harris, with an additional five members to form a committee. The question of earlier closing during summer time was deferred until the spring.

Gloucestershire.—A general meeting of the Gloucestershire Pharmacists' Association was held on October 26 at Cheltenham, Mr. H. B. Clark (president) in the chair. A discussion arose regarding the sale of weed-killer in powder form in containers similar to those used for waterglass and infants' food, and the secretary was instructed to write to the Pharmaceutical Society on the matter. A short address was given by Mr. H. S. Mitchell on *Pharmacy in South Africa*. The speaker described his voyage out, and gave particulars of business and social life in the Colony. A vote of thanks was carried with acclamation. Mr. Stopforth brought up the question as to what should be dispensed when "tinct. chlorof. et morph." was prescribed. After a discussion, which showed that considerable difference of opinion prevailed, the secretary was instructed to write to the local medical association on the matter. The President, referring to the legal right of pharmacists to dilute tincture of opium so as to bring it outside the scope of the Dangerous Drugs Act, condemned the practice as being against the spirit of the Act. A letter was read from the secretary of the Pharmaceutical Society announcing that the Cheltenham Branch had been formed. Arrangements for the inaugural meeting were left with the committee.

Lancaster.—The fourteenth annual meeting of the Lancaster and District Pharmacists' Association was held on October 30. Mr. R. T. Simpson presided. A discussion took place on the botany prizes promised to the Storey Institute students. Correspondence was read from the Pharmaceutical Society regarding the formation of a Lancaster branch. It was suggested that the inaugural meeting should be held at Kendal, and the arrangements were left in the hands of Mr. Birkett. Mr. J. B. Shattock (secretary) submitted his report, which explained that the delay in holding the meeting was due to the organisation scheme of the Pharmaceutical Society, which had been hanging over their heads for more than a year. They recorded with regret the death of Mr. E. Cuthbert, one of the most loyal members of the Association. The membership was twenty-three, the same as last year. The report was adopted. The treasurer's report showed the balance for last year had been expended. No subscriptions have been called for, owing to the reorganisation proposals. A levy of 2s. 6d. per member was agreed upon, to carry on till the next meeting in the spring. The following officers were elected: *President*, Mr. R. T. Simpson; *Vice-President*, Mr. H. Troughton; *Treasurer*, Mr. A. Bate; *Secretary*, Mr. J. B. Shattock; *Auditor*, Mr. A. T. Maxwell; *Sub-Secretaries*, Mr. Whitehead (Morecambe), Mr. A. Colbeck (Carnforth), Mr. H. K. Duckworth (Grange); *Executive*, Messrs. A. H. Robertson, G. E. Whineray, W. R. Aked.

Leamington.—A meeting of the Warwickshire Pharmaceutical Association and the Retail Pharmacists' Union were held on October 19. The President and other members of the Committee reported that they had interviewed members of Parliament on the proposed Shop Assistants' and Small Shopkeepers' (Facilities) Bill, and had been in each case assured that there was no likelihood of the Bill passing. A letter to the same effect had been received from Mr. Mallinson. A report on the cutting of Glaxo issued by the Proprietary Articles Trade Association was read and discussed, and the hope was expressed that the Council of that body and the proprietors of Glaxo would come to some arrangement. The suggestion that there should be two prices, to direct buyers and to buyers through agents, was not favourably received. It was resolved to await further information from the Council.

London (E.).—A meeting of the East London Pharmacists' Association was held at Limehouse on October 19, Mr. A. R. Keith (Presideut) in the chair. Mr. G. A. Tocher (secretary, London Pharmaceutical Committee) addressed the meeting on insurance matters, and indicated the importance of maintaining a high standard of efficiency in dispensing and other service. Any lowering of the standard would have a disastrous effect upon the craft generally. The chairman outlined the scheme of the Chemists' Mutual Insurance Society, and answered questions relating to it. Retail prices were discussed, and regret was expressed at the passing of the "London Chemists' Costing System." The *C. & D.* Price List was suggested as suitable to the requirements of East London. The chairman congratulated the Bowling Club upon its success in winning the Glaxo Cup for the second time.

London (S.W.).—A meeting of the South-West London Chemists' Association was held at the Central Pharmacy Club on October 31, and a record gathering was present to welcome Dr. E. Burnet and to hear his address on *The Romance of Medicine*. The lecturer gave, in his usual breezy manner, an explanation of the healing processes that occur during the healing of a healthy wound following a laceration. He then traced the cause and development of a corn, and reminded us that if we begin to cut or pare a corn we have a hobby that will last for life. Treatment with salicylic collodion, said the doctor, was no better than cutting, and the best treament was to spend a few weeks in bed or apply a bread poultice as frequently as possible. A hearty vote of thanks was accorded, and in reply Dr. Burnet promised to address the Association again in the near future.

Newcastle-upon-Tyne.—The twenty-fifth annual meeting of the Newcastle and District Pharmacists' Association was held recently, Mr. Williamson (President) in the chair. Eighteen new members were admitted. Mr. Williamson proposed certain alterations in the rules of the Association, the main alteration being the election of the Committee from the members of the Association at the annual meeting, and that the Committee consist of six town members and four county members. This was adopted. The secretary (Mr. R. Hepworth) read his annual report, which was adopted. The treasurer (Mr. W. Kerse) showed a credit balance in his report of £18 9s. 6d. The usual annual donation of £5 was voted to the Pharmaceutical Society's Benevolent Fund. It was mentioned that Mr. Roper, the President-elect, was following in the footsteps of two late members of his firm, Messrs. Brady and Martin, both of whom had held the office. The following officers were elected:—*President*, Mr. H. C. Roper; *Vice-Presidents*, Mr. Flemming and Mr. Williamson; *Treasurer*, Mr. W. Kerse; *Secretary*, Mr. R. Hepworth; *Council*, Messrs. Gilderdale, Parker, Hunter, Pool, Pescod, Brown, Simpson, Cubey, Weddell, and Burn; *Auditors*, Messrs. G. Whitehead and I. A. Doig; *Hon. Solicitor*, Mr. C. E. Layne. Mr. Pescod was reappointed the Association's representative on the council of the local Chamber of Commerce, and the usual annual subscription of £2 2s. was passed for payment. Mr. Roper delivered the presidential address, taking as his theme *Some Changes in Pharmacy as They Affect Technical Efficiency in the Retail Trade*. Mr. Roper briefly reviewed the present position of pharmacy, and expressed

the opinion that much of the lamentation on its dreadful state is overdone. While we are a long way from the ideal, actually there is increased recognition and appreciation by the State and the public of the professional status and aims of pharmacy. The appearance of pharmacists' businesses indicated that many of the unprofessional extras had given way to branches of a more scientific nature such as photography, optics, and orthopœdic appliances, and the conditions under which the pharmacist now works compare very favourably indeed with those of his predecessors. The demands of present-day trading are so imperious that it has become necessary to study salesmanship more scientifically, but it did not follow that business efficiency should be increased at the expense of the practice of the art of pharmacy. It was no doubt politic from a business point of view to buy the majority of galenical preparations, but there are still B.P. preparations that could be made quite economically in the pharmacy. Pharmacists should assure themselves of the quality and purity of their purchases by personally examining and testing them. It was questionable whether window-shows devoted entirely to advertised preparations were altogether for the benefit of the pharmacist. The pharmacist of to-day is better equipped by education and scientific training to deal with the problems that will arise in the future. Let pharmacists give loyal support to the Pharmaceutical Society and the Retail Pharmacists' Union. Local organisation has played an important part in the defence and development of pharmacy, and it is to be hoped that more of the spirit that animates the London and Edinburgh meetings may be manifested in the discussions and meetings of local associations. Mr. Roper was heartily thanked at the close of his address, and a vote of thanks to the officials of the Association closed the proceedings.

Thames Valley.—The following is the full text of the Glaxo resolution which was carried unanimously at the meeting held on October 25 (*C. & D.*, October 28, p. 608):

That the Thames Valley Pharmacists' Association, while regretting the withdrawal of Glaxo from the Proprietary Articles Trade Association list, views with satisfaction that the price of Glaxo will be protected, and that the rate of profit will be "fair." Considering the overhead charges to secure the goodwill and co-operation of pharmacists, a "fair" profit must not be less than the present one.

Chemical Society

At the meeting of the Chemical Society held in the Institution of Mechanical Engineers on October 26, the President, Sir James Walker, F.R.S., in the chair, Sir W. L. Bragg, F.R.S., delivered a lecture on *The Significance of Crystal Structure*. The lecturer dwelt on the relationship between chemical structure and crystal system, pointing out that, since ice contains twice the number of molecules present in water, the crystal must contain a whole number of molecules. On dividing the various crystal units into groups, the latter will be found to contain a varying number of chemical molecules. Basing on the structure of tartaric acid crystals, the lecturer pointed out how the various parts of the crystal are linked up with its properties. On studying crystals general properties are encountered; thus, an organic crystal has a unit which contains a small number of molecules. In α-naphthol the unit contains four molecules, which are related to each other in accordance with the laws of symmetry (explained on a model of a crystal of benzoic acid). The symmetry number of a crystal indicates the number of unsymmetrical molecules which must be present, the number of molecules never exceeding that of the symmetry number of the crystal. The symmetry number of quartz is 6, and it has 3 molecules in the unit, while 2 is the symmetry number of the molecule itself. Although the symmetry number of the ruby is 12, it has only 2 molecules in the unit. Professor Bragg then proceeded to describe the use of x-rays in crystal measurements, and developed at length the considerations underlying the relative positions of the molecules in benzoic acid, tartaric acid, etc. In conclusion, he referred to the necessity of collecting further information on crystal structure.

Dandruff Remedies

In preparing preparations for the treatment of dandruff some of the following hints will be of use. Most women want their hair tonics, and hair preparations generally, delicately perfumed, and nicely put up, and as these preparations find a resting place on the dressing table they should be made as pleasing to the eye and olfactory sense as possible. Toilet articles that are tastily got up are a splendid advertisement for the makers, with the understanding that the efficacy of the article is equal to the appearance. It therefore pays to devote some study and forethought to the perfuming, colouring, and general get-up of these hair preparations.

Alopecia, or dandruff, as this common scalp disease is called, requires for its treatment and cure external medications in the form of ointments, shampoos and hair tonics, and these should contain antiseptics, parasiticides, and hair stimulants. The following formulas indicate the different kinds of preparations which are frequently used in the treatment of dandruff.

SCALP TONIC FOR DANDRUFF

Resorcin	10 grams.
Chloral hydrate	5 grams.
Camphor	0.2 gram.
Tincture of cantharides	10 grams.
Alcohol	50 grams.
Oil of geranium,	
Oil of bergamot,	
Oil of lavender,	
Oil of bitter almond ... of each	0.25 gram.
Glycerin	2 grams.
Distilled water ... to make	1,000 grams.

Colour with trace of aniline dye to suit taste. Filter perfectly clear and bright.

Directions for use: Apply to scalp three or four times a week and rub in thoroughly.

OINTMENT FOR DANDRUFF

Salicylic acid	gr. x.
Precipitated sulphur	gr. xv.
White petrolatum	ʒi.
Oil of geranium,	
Oil of bergamot ... of each	♏ij.

Mix. Directions for use. Apply once or twice a week. Follow with shampoo the next morning.

FOAMY SHAMPOO

Castile soap	℥vj.
Glycerin	ʒiv.
Alcohol	ʒiv.
Oil of pine needles,	
Oil of eucalyptus ... of each	ʒj.
Water	℥lxiv.

Mix. This is a good foamy shampoo with pleasant antiseptic odour. It imparts a desirable lustre to the hair.

Shampooing the hair is more or less a personal affair, oily scalps may be washed once a week with advantage, but dry scalps do not require this treatment so often. For personal advice at the counter, and for use on advertising matter, it is well to bear in mind that the hair should be brushed daily for at least ten minutes unless it is very dry and brittle. The brush should have hair bristles which are reasonably stiff and placed about half an inch apart, and the same measure in length. The comb should have teeth which are far apart, and the ends should be rounded. Both articles should be washed once a week and allowed to dry in the sun. Family brushes and combs should be strictly forbidden, as scalp diseases are liable to be spread in this way. The massaging of the scalp two or three times a week, and the subsequent rubbing in of a little olive oil or almond oil works wonders with dry scalps and promotes the growth of the hair.

PERFUMES FOR HAIR PREPARATIONS

Heliotrope

Vanillin	3.75 grams.
Oil of bergamot	1.00 gram.
Oil of bitter almond	0.10 gram.
Rhodinol	0.15 gram.

Iris

Artificial violet	3.75 grams.
Aubepine	1.00 gram.
Rhodinol	0.25 gram.

Insurance Act Dispensing

cord of matters concerning Chemists' interests in the National Health Insurance Acts

Local Reports

ENGLAND AND WALES

Essex.—The quarterly meeting of the Insurance Committee was held on October 31 at River Plate House, nsbury Circus, London, E.C., Mr. J. H. Burrows hairman) presiding. The Medical Benefit Sub-Committee reported that they had had before them the Prosional Regulations made by the Minister of Health lative to modifications in the terms of Insurance doctors d chemists. They contained the following rules in nnection with chemists :

The Insurance Committee will decide provisionally, after ceptance of an insured person by a doctor, whether drugs ould be supplied to the insured person by the doctor or by chemist, and will inform the insured person accordingly, e insured person having the right to notify the Committee thin seven days that he prefers to obtain his medicines by e method other than that provisionally determined by the mmittee. In future, therefore, the Committee will, when turning to an insured person his medical card, signed by insurance doctor, intimate whether the medicine will be pplied by the doctor or chemist, as the case may be.

On and after March 1, 1923, the terms of service of emists will require that scheduled appliances supplied to sured persons shall, where applicable, conform to the andards specified in the Supplement (1922) to the British harmaceutical Codex.

The Sub-Committee further reported that the Pricing ommittee had furnished statistical data relating to rescriptions dispensed during the second quarter of the ear, and for the information of the Committee certain articulars are given below, together with particulars for he corresponding quarter of 1921. In 1921 East Ham as included in the Committee's administration, and to ssist in the comparison of the particulars furnished the gures for East Ham for the second quarter for 1922 ave been added :

	No. of prescriptions	Total cost.	Ingredients.	Dispensing fees.	Per prescription.
		£ s. d.			
ssex (including East Ham) ..	161,577	6,157 1 7	4.27d.	4.88d.	9.15d.
ast Ham ..	33,321	1,183 16 7	3.58d.	4.95d.	8.53d.
921	184,623	7,826 15 6	4.62d.	5.55d.	10.17d.

The report was adopted. The General Purposes Sub-Committee reported that they had before them a copy of a communication from the Ministry of Health addressed to the East Anglian Joint Pricing Committee, in regard to the proposals for curtailing the duties of the Executive Sub-Committee and increasing the responsibility of the Joint Committee for seeing to the detailed and routine work of the Pricing Bureau. The communication from the Ministry states that, having regard to the fact that the work of the Bureau is now largely a matter of routine, it appears that a larger, rather than a smaller, proportion of the work of the Bureau could be effectively supervised by the Executive Committee than was the case during the initial stages of the new pricing arrangements, and that it should not ordinarily be found necessary for the Joint Pricing Committee to meet more frequently than once annually. Further, in view of the imperative need for economy in all branches of the Joint Committee's administration, the Minister of Health views with concern any proposal to adopt a change of procedure which will increase, in however small a degree, the charges on the funds of Insurance committee's administration, particularly in the absence of any facts which demonstrate that a step such as is now under consideration by the Joint Committee is desirable in the interests of the efficiency of the committees administration. They (the Sub-Committee) had further considered the proposals and had decided not to modify the present standing orders so far as they relate to the powers and duties delegated to the Sub-Committee, but request them to report as to the holding of fewer meetings in future. The action of the Committee was approved.

Kent.—At a meeting of the Insurance Committee on October 25 the Pharmaceutical Service Sub-Committee reported on two complaints. The first had reference to a limited liability company which, it was alleged, had dispensed Insurance prescriptions at a branch during a period of unqualified management. It was recommended that suitable representations be made to the Minister of Health. The second complaint was raised by an insured person in reference to the arrangements made by a chemist for the conduct of his business during his absence on holiday. The Sub-Committee found that the charges were not substantiated (the complainant failed to appear at the inquiry), as adequate provision had been made. The report continued : "We desire to draw attention to the unfair and discourteous conduct of the insured person who, having raised a complaint on grounds which obviously required his oral evidence for proper investigation, fails to attend the hearing of which ample notice was given to him, and also does not even deem it necessary to notify us of his intention not to attend." The reports were adopted. It was noted that the value of the scripts for the quarter ended June 30 was £7,493 7s. 2d. Ingredient prices amounted to £3,661 17s. 2d. ; dispensing-fees, £3,831 10s. ; number of prescriptions, 187,812 ; average value per prescription, 9.6d. ; average ingredient-price, 4.7d. ; average dispensing-fee, 4.9d. The Medical Benefit Sub-Committee reported that fifteen samples of medicines were taken for analysis between May 26 and July 18. Prescriptions were obtained in five towns. In order that each chemist should know under what authority the samples were taken, an extra copy of the authorisation and instructions was available for retention by him. Four cases have been referred for investigation by the Pharmaceutical Service Sub-Committee. A certain laxity exists in connection with the charging of deposit-fees for bottles supplied, and on behalf of the Pharmaceutical Committee the chemists' representatives undertook that attention should be drawn to the matter. It is proposed to make further tests of medicines. The Committee is of opinion that the scheme has been more than justified in the results obtained.

London.—A meeting of the Insurance Committee was held on October 26, when the Finance Sub-Committee recommended the payment of bills amounting to £208,417. Among that was the sum of £12,395 12s. to chemists for the year 1922. The recommendations of the committee were adopted. It was also reported that the sub-committee had authorised advances of £828 and £485 to the Panel Committee and the Pharmaceutical Committee respectively on account of administrative expenses for the current year. The action of the committee was approved.

Wiltshire.—At a meeting of the Insurance Committee on October 25 the question of the adoption of a medical formulary, compiled by the Standing Joint Committee of the South-Western group of Panel and local Medical Committees for use in the area of the South-Western Joint Pricing Committee was discussed at some length. It was reported that Mr. A. C. Allen, secretary of the Pharmaceutical Committee, attended the meeting of the Medical Benefit Sub-Committee, and gave the views of the chemists in regard to the formulary, and their objections. The Sub-Committee had recommended that the formulary be adopted for use in the area of the Committee for the period of one year, when the question would again be considered. Further, that the Panel and Pharmaceutical Committees be requested to report on the operation of the formulary during the year, and that as from December 1, 1922, no formula be recognised by the chemists or approved by the Insurance Committee, other than those contained in the South-Western formulary, the British Pharmacopœia and the British Pharmaceutical Codex. Any other prescriptions must be written in full. The recommendations were approved.

THE latest annual report of the Bolton medical officer of health shows that in connection with maternity and child-welfare centres, over 1,701lb. of dried milk, 150lb. of malt and oil, and 250lb. of meat extract have been distributed during the past year.

American Notes

By "The Man from London"

Barium mistake kills patient.—Barium sulphide was given to a patient instead of barium sulphate in Seattle, Washington, and the unfortunate victim, the Rev. S. C. Morrison, died as a result of the error. The jury censured the physician for giving an oral instead of written prescription, and also the druggist for selling the salt without inquiring as to its use.

Eczema in infants.—It has been found that 40 per cent. of the patients were cured by the omission from the mother's diet of the articles of food to which the infant was proved to be susceptible, and that 20 per cent. more were definitely benefited. Eggs have been found to be the chief offenders, and have been removed from the mother's diet with benefit to the infant.

Too much bureaucracy.—Some prohibition leaders seem to be after absolute power in regard to the enforcement of the National Prohibition and Harrison Narcotic Acts. A Senate Bill and House Bill have been introduced to create a separate and independent bureau of government. The head of this bureau would be answerable only and directly to the President of the United States.

Cutting down the alcohol.—Up to the present thousands of experiments have been tried with other solvents, but alcohol seems to be the one which will extract the valuable ingredients from vegetable drugs and preserve the resulting extract for an indefinite period. Under the Federal Food and Drug Act all wholesale and retail druggists and manufacturers must guarantee that official preparations contain the amount of alcohol and active ingredients specified in the formulas of the Pharmacopœia.

Mexico's venerable cypress.—The largest tree in Mexico is the cypress in the churchyard at Tule, which foresters say was standing 1,000 years before Columbus discovered America. This giant tree is a *Taxodium distichum*, and its Aztec name is "Ahuehuetl." It is about 160 feet high, and four feet from the ground its trunk is 160 feet in circumference. Its branches have a spread of 140 feet. Recently the great trunk has shown signs of splitting.

Teeth and tonsils dangers.—It is stated ("American Journal of Medical Science") that chronic infection of the tonsils and the teeth are responsible for mental troubles. Rarely is a patient admitted to the State Hospital at Trenton whose tonsils have been previously removed, so that over 90 per cent. of the patients have to have their tonsils enucleated after admission. The infection of the teeth is regarded as the most constant focus found in the patients, and without exception the functional psychotic patients all have infected teeth.

More than 65,000 copies of the United States Pharmacopœia (the Ninth Revision) have already been sold, and a greater demand is expected for the Tenth Revision now in progress, as more States have enacted pharmacy laws requiring that each retail druggist possess a copy. The Spanish edition, which has been on the market several years, has been adopted as the official pharmacopœia of Cuba, Costa Rica, Porto Rico, and some other Latin-American countries, and arrangements are in progress for its translation into Chinese

Curious advertising scheme.—One of the enterprising druggists of Mount Vernon, N.Y., recently evolved the following scheme: A tasty-looking box was filled with silver-ware and locked up. The key was then mixed in among several hundred other keys similar looking, but none of which would open the box. The box of silver was displayed in the window, and any purchaser of a certain amount of goods was given a key with the understanding that, on a stated day, the box of silver would be given free of charge to the fortunate possessor of the right key.

Nerve sedatives for women.—One of the most common ills afflicting humankind, especially the female part of it, is the condition we call "nervousness." This condition is very often ridiculed and belittled by those who have never experienced it, but nevertheless the suffering produced by it is very real, and requires medical treatment. A doctor who has used this simple formula with success for many years—ext. valerian, ext. sumbul, asafetida, of each 1 gr.—claims it is effective, and its value lies in relieving the neuroses of the menopause; it is also useful as a sedative in many other conditions in both sexes.

The ills of Illinois.—The Attorney-General of Illinois has given an opinion that one who holds a licence to practise "any system or method of treating human ailments without the use of drugs or medicines and without operative surgery" in Illinois may legally sign the death certificate for any patient who dies while under his care. The understanding is correct that the decisions of this office relative to osteopaths signing birth or death certificates applies also to licensed chiropractors and to all other persons who are licensed to treat human ailments without the use of drugs or operative surgery.

The prescribing of whisky.—The medical profession gets its fair share of blame for the conditions of "wetness" which exist in a country supposed to be legally dry. The editor of the "Kentucky Medical Journal" claims that whisky is an exhilarating mild narcotic and, if the dose is large enough, depressing, like all narcotics. Under the law any physician in Kentucky has the right to prescribe this liquor who has examined the patient and thinks his condition is such as to call for this form of medication. He condemns those men in many sections of the state for selling prescriptions for whisky to all who pay a fee for it.

Arsphenamine solutions can be kept under nitrogen gas at ice-box temperature for four months without a noticeable change of colour, increase in oxidation or toxicity. These solutions at room temperature begin to show a change in colour from yellow to a reddish tinge in about two weeks, afterwards increasing in toxicity. The experimental data obtained by Peter Masucci (Nat. Drug.) indicates that the temperature at which solutions are kept is a very important factor. Ampules from which the air was displaced by nitrogen and filled from a bottle containing the solution from which the air had also been displaced by nitrogen were found to preserve these preparations intact for a considerable time at ice-box temperature.

The benefit of the drought.—A druggist was convicted in Philadelphia of bribing a federal prohibition agent by giving him $50 to destroy evidence after the agent had seized whisky in his place of business. In San Francisco a prohibition officer was charged with accepting $100 and five gallons of whisky, and borrowed the druggist's automobile to go on a joy ride. In Buffalo, New York, a recent raid was made on the People's Drug Store and three cases of whisky were seized, straight goods, twenty-five barrels of alcohol, a large quantity of wine and champagne was also placed under guard pending investigation. Canadian Club whisky was sold here for $85 a case. A raid on another drug store in Buffalo where whisky was being sold to any one who had the price ($3 a pint) revealed quantities of alcoholic beverages of different varieties.

The common cold may be entirely and promptly cured in its early stages through local treatment, states the "New York Medical Journal." In the feverish stage the principles of treatment are as follows:—Get the nose open; irrigate; disinfect; soothe. First spray out the nasal fossæ with a mild solution containing about one per cent. cocaine and five drops of adrenalin (1-1,000). Wait until the turbinates and middle meati come into view and then irrigate with one quart of normal saline at body temperature. Then spray in one per cent. silver nitrate solution just sufficient to whiten the entire mucosa. Finally spray in any agreeable oily antiseptic and have the patient return next day. At home the nose is kept open by adrenalin solution, 1-10,000, followed by normal saline irrigation and oily atomisation every three hours if necessary. Even the most acute sinus infections will ordinarily respond to this treatment.

Quince Seed

QUINCE SEEDS formerly came from Hamburg, and were often quoted in German price lists as Russian. They were also imported from the South of France and Spain and of late years from the Cape Province, but supplies from South Africa have not recently been available. Possibly as the result, Indian quince seed is now taking its place. But the Indian quince seed is regularly imported to a large extent into Bombay from Karachi in the Persian Gulf, and is doubtless of Persian origin. It is also imported by land from Afghanistan. It is remarkable that although the seed is one of the most popular remedies in native practice in India, the mucilage being prescribed in bowel complaints and coughs as a demulcent, and as an external application to scalds, burns, and blisters, and also as a demulcent in skin diseases and eye lotions, and in the art for dressing calico to give it a lustrous surface, yet the seed rarely reaches this country from India. The leaves, buds and bark of the tree are used by the Arabs on account of their astringent properties, but the seeds only are met with in Indian commerce (Dymock). The Hindu name of the seed is "*Bihidanah*," indicating its Persian source, since the Persian name is *Beh-danéh*, this name being in use in Bombay; in Tamil the name is *Shamai madala-virai*. The quince is supposed to be a true native of Western Asia, extending from the Caucasian Provinces of Russia to the Indoo-Koosh mountains in India, but there is little doubt that its cultivation has spread from Northern Persia throughout Eastern and Southern Europe. It likes the vicinity of water; and is more productive in Southern than Northern regions. The fruit ripens in the South of England, but not in Scotland, Christiania, nor in St. Petersburg. The quince was formerly put into a separate genus *Cydonia*, on account of containing many seeds in each cell of the core, instead of only two in each, as in the apple and pear. But at the present time this distinction is not considered of generic importance, and the quince is referred to the genus *Pyrus* as *P. Cydonia*. The name *Cydonia* is derived from the town of Kydon in Crete (now Canea). In the Talmud quinces are called Cretan apples. There are three kinds of quince cultivated in Persia—the sweet of "*Safarjal*," the sour, and the sub-acid called by the Arabs "*Maza*." The sweet and sub-acid varieties and commonly eaten baked like apples. Baked quinces are mentioned as being served at the installation feast of Nevill, Archbishop of York, in 1466. But whether these were the edible quinces does not appear.

It would be interesting to know whether the Indian quince seed now in commerce is derived from the edible sweet and sub-acid varieties; if so, the seed should be cheaper than if derived from the inedible astringent quince cultivated in Europe. It is remarkable that the sweet and sub-acid varieties do not appear to be cultivated in Europe. Dictionaries of gardening mention an apple-shaped variety, a pear-shaped variety, and a large form attaining 4 in. in length and 3 in. in diameter, obtuse at both ends and bulged at the middle, and covered with a dense down (this is known as the Portugal quince), but do not describe a sweet or a sub-acid variety. The seed as imported from India, like many Indian drugs sold in the Indian Bazaars, gives evidence of careless collection. Many of the seeds have evidently been taken from immature fruit, being very small and shrunken, and containing only undeveloped embryos; some of these have an unpleasant flavour, which would militate against their use for cough mixtures, etc. But a very satisfactory article, representing about three-quarters of its weight, or an increase of 25 per cent. in value, might be obtained by sifting out the smaller seeds, as many of the larger seeds are of good colour and evidently of recent collection.

The quince was much esteemed by the ancients. Quince wine and quince honey are mentioned by Dioscorides (v. 26), and in the Persian Pharmacopœias recipes are given for making conserves, lozenges, etc., of the fruit, and a conserve of the flowers. It is interesting to recall that our word marmalade is derived from the Portugese word *marmelos* which is the name of the quince, and that Indian bael or Bengal quince has the specific name of *marmelos*. Quinces are also supposed by some antiquarians to be the golden apples of the Hesperides, and to be referred to in the text in Proverbs xxv., v. 11, "A word fitly spoken is like apples of gold in pictures of silver,' since the leaves of the quince are white beneath, which neither those of the citron nor of the apricot (the other claimant to be the apple of Scripture, *Tappuach* (Hebrews) are. The difficulty in identifying the quince as the apple of Scripture is that it is said that, "The fruit was sweet to my taste" (Canticles 11-3), unless the sweet variety was known to the Jews.

The fact that the quince was considered by the ancients as an emblem of fertility and as such dedicated to Venus, may account for the passage (Canticles 11-5), "Comfort me with apples, for I am sick of love," and for some other texts of a similar nature.

Commerce in Oak Moss in Ancient Egypt

By M. Jean Gattefosse.

FEW perfumers are aware of the fact that oak moss has been an important marketable commodity since very remote times. It is mentioned in all the works published in the Middle Ages, and Matthiole in his commentaries on the works of Dioscorides, published in the sixteenth century, alludes to the use of odoriferous lichens in perfumery. Frequent references to this statement have been made since the use of this raw material was first advocated in the columns of "La Parfumerie Moderne." However, in perfumery circles one fact has been overlooked in connection with the use of the two lichens which constitute the article actually known on the market as oak moss—i.e., *Evernia furfuracea, Ach.*, and *Evernia prunastri, Ach.*, and that is the role they played in the making of bread in ancient Egypt. Attention has been drawn to this fact by the discovery in tombs dating to the times of the Pharaohs of baskets made of rushes containing both these lichens,[1] and the same discovery has been made in the course of excavations at Deir-el-Bahari. The interesting point in connection with this discovery is the fact that these lichens do not occur in Egypt, where they would be incapable of growing, owing to the lack of sufficient moisture. In Algiers and Morocco they are only found at a considerable altitude, and in the Atlas mountains they never occur below a height of 1,000 metres above the sea-level. To the present day certain Arab and Coptic tribes remain faithful to the customs practised in ancient Egypt, and Schweinfurth,[2] as well as Forskal,[3] mention that among these people lichens of the *Evernia* species are still in use to impart an agreeable taste to their flat loaves and also to render them more digestible, the use of yeast being unknown among these tribes. Forskal, in the last century, saw several consignments of *Evernia prunastri* being unloaded at Alexandria, the lichens having been collected in the islands of the Archipelago. The Arabs of the Nile Delta call it Sheba or Shibah, the name under which wormwood is known further west. We have undertaken an exhaustive investigation into the trade in Celtic spikenard (*Valeriana Celtica*), which is used in the Near East as a perfume for the bath. This investigation, undertaken by a number of collaborators, yielded highly interesting results. In our opinion it would be equally interesting to investigate the centuries-old importation into Egypt of our oak moss, and we trust that our suggestion will find a response among those interested in such questions.

[1] "Bull. Inst. Egypt.," No. 3, p. 74, and Joret. "Les Plantes dans l'Antiquit et au Moyen-Age," Part I., p. 172.
[2] "Bull. Inst. Egypt.," No. 3, p. 74 (1882).
[3] "Flora Ægyptica-Arabica," p. 193.

TABLE-WATER DUTIES.—At a conference held on November 1, under the auspices of the National Union of Mineral Water Associations at the Agricultural Hall, Islington, a resolution was passed viewing with alarm the disastrous effect of the table-water duties on the mineral-water trade, and urging the Chancellor of the Exchequer to take the earliest possible opportunity of removing the impost, which was described as "unfair and unjust, and unequal in its incidence."

Trade Report

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities.

42 Cannon Street, E.C.4, November 2

While there are no outstanding features this week, business continues to show some improvement, and a fair demand has been experienced for drugs generally. West Indian tamarinds have advanced, and are scarce. The stock of menthol is temporarily reduced to a few cases, a position which probably has never before been paralleled. Honey has been in good demand at steady rates. Some holders of ergot have eased their quotations, but this is not general. Mattogrosso ipecacuanha is expected to advance in certain quarters. Chamomiles are extremely short and prices are very firm. Crude camphor is dearer. Cumin seed is firmer. Canary seed and Morocco linseed are easier. Agar-agar has advanced and shellac has been active at higher prices.

Higher	Firmer	Easier	Lower
Acetone	Acetic acid	Bois de rose oil	Citric acid
Agar-agar	Acid oils	Canary seed	Chloral hydrate
Antimony (crude)	Camphor (crude)	Cassia lignea	Cream of tartar
Arsenic	Carbolic acid	Castor oil (Fr.)	Potass. chlorate
Benzoates	Cassia oil	Cinnamon-leaf oil (Mysore)	Sodium chlorate
Chamomiles	Cumin seed	Cloves (c.i.f.)	Sodium sulphide
Coconut (desic.)	Farina (Jp.)	Creosote oil	Soluble oil (lubric.)
Glucose	Formaldehyde	Ergot	Turpentine
Mint oil (Jp.)	Orange oil (Sic.)	Farina (Dutch)	
Rubber Para	Palm kernel oils	Groundnut oil	
Shellac	Palm oil	Lemon oil (c.i.f.)	
Tamarinds (W.I.)	Paraldehyde	Linseed (Moroc.)	
Zinc products	Peppers	Naphtha	
	Phenolphthalein	Peppers (various)	
	Pitch		
	Pyridine		
	Salol		
	Soya-bean oil		
	Starch, rice		
	Tallow		
	Tonka beans		
	Wax, paraffin		

Cablegram

New York, October 31.—Business is quiet. Burdock root is again dearer at 20 c. per lb. Senega is higher at 80 c. Short buchu leaves have advanced to $1.05. Hydrastis (golden seal) is cheaper at $3.35, and Mercury is lower at $71.00.

Crude Drugs, etc.

Agar-agar.—No. 1 has advanced to 5s. 9d. per lb. on the spot. No. 2 is 5s. 6d. January-March shipment No. 1 is 4s. 4d. c.i.f., and No. 2 4s. 3d. c.i.f.

Aloes.—The exports from the Union of South Africa during July amounted to 123,365 lb. (value £897), compared with 45,778 lb. (value £361) in July, 1921. During the seven months ended July 31, 1922, the total exports were 322,495 lb. (value £2,155), compared with 121,101 lb. (value £1,007) for the corresponding period last year.

Antimony.—Firmer reports have come from America, where a better demand exists. There is little change in the position here, although crude is dearer and scarce, upwards of £17 a ton, according to position, being asked. English regulus is scarce, with ordinary worth £27 to £29 10s., and special brands commanding up to £35. Foreign refined on the spot is held for about £26, but c.i.f. offers are made about £24 and £25.

Apricot kernels on the spot are quoted at 70s. to 80s. per cwt. for sweet and 50s. for bitter.

Balsam Tolu is firm at 3s. 4d. per lb. For shipment 3s. 2d. c.i.f. is quoted.

Buchu.—The exports from the Union of South Africa during July amounted to 24,971 lb. (value £3,188), compared with 10,120 lb. (value £2,408) in July, 1921. During the seven months ended July 31, 1922, the total exports were 100,831 lb. (value £12,617), compared with 70,516 lb. (value £12,838) for the corresponding period last year.

Cadmium is steady with a moderate demand at about 5s. 6d. to 5s. 9d. per lb. There is not much coming from the Continent.

Camphor (crude) is firmer at 3s. 4d. per lb. on the spot, with November-December shipment offered at 3s. 3d. c.i.f.

Camphor (refined) is quiet and unchanged. Japanese 2½-lb. slabs are quoted at 3s. 7½d. per lb. on the spot. The price to arrive is 3s. 5d. to 3s. 5½d. c.i.f. November-December shipment.

Canada balsam is firm at 5s. per lb. on the spot.

Cascara bark.—For new crop, car lots, the prices mentioned are 55s. to 57s. 6d. per cwt. c.i.f. Last year's bark, on the spot, is firm at 65s.; two-year-old bark, 70s.; and three-year-old, 72s. 6d.

Castor oil.—French oil, medicinal water-white, is cheaper at 60s. per cwt., in cases, 57s. for drums, and 55s. to 56s. for barrels, ex wharf London.

Chamomiles.—The high prices wanted have checked sales. A parcel of ancient and very brown flowers is being offered at 300s., and smallish fair colour, new crop, can be had at 400s. Although it is generally thought growers have small stocks on hand, there is a tendency to offer at more reasonable prices. No doubt the crop is short, but it is questionable whether such high prices so early in the season are warranted.

Cod-liver oil.—Our Bergen correspondent writes on October 30: "The market remains quiet with a further slight reduction of the price. Finest non-freezing steam-refined quality is to-day quoted at 91s. to 94s. per barrel c.i.f. London"

Ergot.—A nice parcel of 250 kilos. has changed hands at 2s. 3d.; some recent deliveries of mid-European parcels have not been up to the standard, consignments not being alike all through. Good Spanish is steady at 2s. 3d., other varieties 2s. to 2s. 1½d. One importer is holding good quality Spanish at 2s. 4½d.

Galls.—Blue Persian are firm on the spot at 65s. per cwt. Green are unchanged at 52s. 6d., and white at 50s.

Glucose is dearer at 28s. 6d. per cwt. for guaranteed water white, October-December delivery, duty paid, landed terms.

Gum acacia is steady on the spot for fair Kordofan sorts at 65s. to 67s. 6d. per cwt.

Hen yolk is firm, prime quality Chinese selling at 105s. per cwt. on the spot. To arrive, November-December shipment is dearer at 100s. c.i.f. For dried yolk 9½d. has been paid, sprayed whole egg is 9¼d., and native dried whole is 8d. per lb. Prime Chinese hen albumen is 3s. spot, and November-December shipment is 2s. 11½d. per lb. c.i.f.

Honey has been in quite good demand. Jamaica seems to have been almost cleared at prices fully 5s. up on the week. For pale setting Cuban 45s., and for white 65s. has been paid. New Zealand good white in cases is offered at 82s. 6d. Australian seems difficult to find, low prices having stopped its exportation.

Hydrastis has been in fairly good demand, the spot quotation being steady at 17s. 6d. per lb.

Ipecacuanha.—Several bales of Matto Grosso have been sold at 7s. per lb. The largest holders now consider the value 7s. 3d., and one large holder has withdrawn for still higher prices. Johore is quoted at 6s. 9d., and Carthagena 7s. 9d. No Minas is offering at present.

Menthol is in good demand at 32s. 6d. per lb. Spot stocks are extremely short, and any delay in the expected arrivals may drive the price up several shillings; for shipment afloat, due this month, 30s. c.i.f. has been paid; 29s. c.i.f. is asked for distant shipment.

Mercury.—The market is rather listless, and the tendency has been on the easy side at around £12 5s. per

bottle, either for Spanish or Italian. There does not seem, however, much to be got under £12 2s. 6d.; some sellers ask up to £12 10s. for ready lots. The quantities available are not important, although arrivals have been coming more regularly for some time, chiefly for dealers. The home trade is slow. Rumours have been circulated as to fresh negotiations having been prompted between the Italian and Spanish mines in order to regulate sales. Arrivals during the week amounted to 3,360 lb. from Spain.

OPIUM.—The price of Turkey druggists' is steady at 1s. 3d. per unit, and business has been done at 15s. per lb. for 12 per cent.

ORANGE PEEL.—New crop arrivals of the so-called Maltese thin cut have been very few this season. The low prices realised leave the shippers with a loss, and a recent arrival may be the last of the season; prices asked range from 6d. to 1s. per lb.

RUBBER.—After touching 1s. 0¼d. on Monday, the market has again receded on account of lack of support from America. The tone, however, is very steady, and it is difficult to find sellers at the current rates. It is officially announced that Ceylon and Singapore have passed the Restriction Bill, and the new rates took effect from November 1. Quotations (Wednesday, 5 p.m.):—Standard No. 1 Crepe and Ribbed Smoked Sheet spot, 11¾d., December 11⅞d., January-March 1s. 0⅛d., April-June 1s. 0½d., July-September 1s. 1d. Stocks have again been reduced this week by over 500 tons. Hard Fine Para is dearer at 1s. 1¼d. per lb.

SENEGA ROOT is in better demand, but there appears to be no pressure to sell; prices remain steady at 3s. 7d. to 3s. 9d. per lb.

SHELLAC is dearer. For TN on the spot, 335s. to 340s. per cwt. has been paid. Superfine is 415s. to 470s. RL1, 390s. For AC cakey 312s. 6d. has been paid, and GAL is 300s. sellers. Futures are again dearer, with TN December sales at 320s. and March at 300s. Sellers now ask 305s. To arrive TN November-December shipment sold at 310s. c.i.f.

STARCH PRODUCTS.—Japanese farina is dearer on spot at 17s. 6d. per cwt. Dutch is easier for spot material at 16s., and for December shipment at 14s. 3d. English rice starch is steady at 40s., and Continental is dearer at 34s.

TAMARINDS.—East Indian of good quality are practically non-existent, and spot lots should be carefully examined, as many parcels are out of condition. A large c.i.f. business has been done at 16s. West Indian are dearer at 30s. (in bond) for Barbadoes and 27s. 6d. (in bond) for Antiguas.

TONKA BEANS.—Frosted Surinams have rather a firmer tendency in view of the fact that no Angosturas are obtainable. Some holders have already advanced the price considerably.

VANILLA.—On November 3, 370 tins and six cases will be sold by auction in London.

WAX, VEGETABLE.—Japanese is quiet, with spot offering at 77s. 6d. per cwt., and at 73s. c.i.f. for October-December shipment.

The exports from Japan during July amounted to 4,522 piculs, valued at 184,997 yen. During the seven months ended July 31 they were as follows:—

	1920	1921	1922
Piculs	4,419	12,239	35,086
Yen	232,148	428,991	1,373,069

Seeds, Spices, etc.

CASSIA LIGNEA is easier on the spot at 45s. per cwt. for whole selected and 34s. for broken.

CLOVES.—The price of Zanzibar to come forward is easier at 6d. per lb., c.i.f. for October-December shipments. November-January shipment has been sold at 6d. to 5⅞d., January-March offers at 6d., c.i.f. Spot is nominal at 1s. 4½d.

COCONUT (DESICCATED) is dearer on the spot at 37s. per cwt. for fine to medium. To arrive, November-December shipment has been sold at 35s. 9d. c.i.f. There are buyers of January-February shipment at 36s. 3d., c.i.f. At auction 200 cases sold. For fine and medium yellow 36s. 6d. was paid.

PEPPER is quiet. Black Singapore on the spot is firmer at 3⅞d. per lb., and for November-January shipments 3¾d. per lb. c.i.f. Fair Tellicherry is 4¼d. on the spot, Aleppy 4d., and Lampong 4⅛d. on the spot. Tellicherry to arrive is easier at 38s. c.i.f., and Aleppy 37s. c.i.f. White Muntok is unchanged, with sellers at 6d. per lb. on the spot. To arrive, November-January and December-February and January-March shipment is quoted at 5¾d. per lb. c.i.f. d.w. White Singapore is easier at 5½d. on the spot and 5⅜d. c.i.f., d.w., for October-December shipment.

PIMENTO is steady at 2⅛d. per lb. The week's deliveries were 99 bags, leaving a stock of 8,649 bags, against 25,719 bags in 1921 and 39,111 bags in 1920.

SEEDS.—The following are current spot quotations:—Spanish ANISE is unaltered at 75s. to 80s. per cwt., and Russian 71s. CANARY SEED is easier at 87s. 6d. to 90s. per qr. for Mazagan, and 78s. to 80s. for Larache, other grades being unchanged. Dutch CARAWAY SEED is unchanged at 97s. 6d., and Morocco is 80s. CORIANDER SEED.—No sound material is available; slightly wormy is 40s., and wormy is offered at 27s. 6d. upwards. Maltese CUMIN SEED is firmer at 130s. per cwt. Sales of fair-sized parcels were made at 120s. c.i.f., and Morocco is unobtainable. DILL SEED is 23s. 6d., and FENNEL SEED is 57s. Sound FENUGREEK SEED is firm at 30s., and prices may become much firmer. Manchurian HEMP SEED is 14s. 3d., Morocco LINSEED is easier at 22s. per cwt. English MUSTARD SEED is unchanged at 30s. to 35s. per cwt.

Essential Oils

A fairly active demand continues and prices generally are firm. Japanese mint oil is scarce and higher. Cassia oil appears to be almost sold out. Sicilian sweet orange is firmer. Bois de rose oil is still obtainable at advantageous rates. Mysore cinnamon leaf oil has been reduced in view of cheaper clove oil quotations in the near future. Lemon is cheaper to come forward.

ANISE (STAR).—"Red Ship" has been in fair demand; several shipments to the United States have been reported. Some spot business has been done at 2s. 3d. per lb., which is the present quotation. The price to arrive is 2s. 0½d. c.i.f., but bids of 2s. would be sent out.

BERGAMOT.—New crop oil with 37 to 39 L.a. is quoted at 14s. 3d. to 14s. 6d. c.i.f. On the spot, holders ask from 14s. 3d. to 15s. per lb.

BOIS DE ROSE (FEMELLE).—The depreciation in the French rate of exchange enables some holders to ease the spot price, 9s. 6d. to 10s. per lb. being the current quotation. Other importers, however, anticipate higher values and are quoting from 10s. 6d. upwards.

CAMPHOR.—White essential is firmer for spot at 85s. per cwt. in drums. Supplies of brown are difficult to find on the spot.

The exports from Japan during July amounted to 657 piculs, valued at 12,234 yen. During the seven months ended July 31 they were as follows:—

	1920.	1921.	1922.
Piculs	20,078	3,913	7,584
Yen	738,240	72,331	176,659

CARAWAY.—Spot stocks in first hands are held for 18s. to 19s. per lb., according to holder. Dealers with small lots are cutting in, at present, below this figure, but there appears to be no immediate prospect of a genuine reduction.

CASSIA seems to be becoming scarce again; there is very little offered on the spot, and business has been done at 6s. 3d. per lb. for 80 to 85 c.a., and 6s. 6d. is asked in some directions. The price to arrive is irregular, but November-December shipment can be done at 5s. 9d. c.i.f.

CEDARWOOD.—American is unchanged at 1s. 5d. to 1s. 6d. per lb., according to packing.

CINNAMON.—Ceylon leaf is quiet at 4d. per oz. on the spot, and 3 5/16d. c.i.f. Mysore high-percentage oil is cheaper at 7s. 6d. per lb. for spot.

CITRONELLA on the spot is unchanged at 2s. 3d. per lb., with further business done at the price. Oil passing

correct tests is not plentiful. The price to come forward is 2s. c.i.f. Java is firm on the spot at 2s. 11½d. The price to arrive is on the same level, with one or two exceptions at over 3s. c.i.f.

CLOVE.—A variety of prices is current, according to date of delivery. English distillers quote 8s. 6d. for December. For ex Continent, from 7s. 6d. to 8s. 6d. c.i.f. is wanted, and November delivery is reported sold at 8s. 6d. c.i.f. English on the spot is nominal at 10s. to 10s. 6d. Mysore afloat near at hand is offered at 9s. 4d. to 9s. 6d. landed terms.

CORIANDER.—High prices are asked for the present spot stocks up to 75s. per lb. being current at first hands. The distilling period is now on.

DILL.—East Indian is offered on the spot at 13s. per lb.

EUCALYPTUS is firm at from 1s. 6d. to 1s. 6½d. per lb. for 70 to 75 per cent. cineol.

LEMON.—New crop is cheaper to arrive at 2s. 4d. to 2s. 6d. c.i.f. On the spot 2s. 7d. to 2s. 8d. per lb., is about the general range.

LEMONGRASS is unchanged on the spot at 2 $\frac{9}{16}$d. per oz., and 2¼d. c.i.f. to arrive would probably be done. There appears to be no forward demand at present.

LIME.—West Indian distilled is firm on the spot at 2s. 2d. per lb. Hand-pressed is unchanged at 9s. to 9s. 6d.

MINT.—Japanese dementholised Kobayashi-Suzuki is dearer at 7s. 9d. per lb. Supplies are very scarce. The price to come forward is 7s. c.i.f. for near shipments. Outside brands are quoted at 6s. 6d. c.i.f. to arrive.

The exports from Japan during July amounted to 170 piculs, valued at 49,094 yen. During the seven months ended July 31 they were as follows:—

	1920.	1921.	1922.
Piculs	2,306	1,083	986
Yen	1,533,557	255,625	268,582

ORANGE.—Sicilian sweet has been in good demand, and is firmer for certain brands; for new crop 8s. to 9s. per lb. c.i.f. being now asked. Lower offers have been current. On the spot there have been numerous inquiries, and quotations for the small lots offering are above this. West Indian sweet has been selling for export, and holders are not inclined to reduce spot quotations below 9s. 6d.

PALMAROSA.—Offers of 15s. per lb. c.i.f. for pots would be accepted.

PATCHOULI.—Penang on the spot is offered according to quality at from 32s. 6d. to 36s. 6d. per lb. Mysore is cheaper at 36s. 6d. per lb., for spot and shipment afloat is offered at 35s. c.i.f.

PEPPERMINT.—American natural tin oil is on the easy side at 13s. per lb., on the spot.

PETITGRAIN.—Paraguayan on the spot is still quoted at about 7s. 3d. per lb. in some quarters, but otherwise holders are increasing their ideas of value, up to 8s. being mentioned as the value.

SANDALWOOD.—West Indian is quoted on the spot at from 16s. 6d. to 17s. per lb.

VETIVERT.—Bourbon is offered on the spot at from 18s. to 20s. per lb., according to holder.

Pharmaceutical Chemicals, etc.

THE steadier tone reported of late is well sustained, and prices current in those products which are at all active are fully maintained. Benzoates are still advancing. Paraldehyde is also dearer. Bromides remain dull on spot, but current quotations from the Continent f.o.b. Hamburg continue to harden. Calcium lactate shows a firmer tendency.

ACETANILIDE is steady, with fair business passing in the region of 1s. 4d. per lb.

AMIDOPYRIN is only in occasional demand at 16s. per lb.

AMMONIUM BENZOATE is firm on spot, and there does not seem to be much offering below 4s. 9d. per lb.; other offers are still higher.

AMYL SALICYLATE.—For small lots on the spot 3s. 3d. per lb. is quoted.

ASPIRIN is firm and in good demand, with most offers now in the region of 2s. 10½d. per lb. and upwards.

AUBEPINE has been selling at 9s. per lb. for straw colour.

BARBITONE has been selling at about 10s. to 10s. 6d. per lb.

BENZALDEHYDE (0.03) is steady at 3s. per lb.

BENZOIC ACID has advanced, and little is now offering on spot below 1s. 10d. to 2s. per lb., with indications of still higher prices to come.

BENZONAPHTHOL is dull and unchanged at 5s. per lb.

BROMIDES.—Spot demand is quiet, but further falls in price are not likely, owing to firmer rates on the Continent. It is stated also that German export licences are difficult to obtain. Ammonium is 9d. per lb.; potassium, crystals and granular, 7½d. to 8d.; sodium, crystals and granular, 7½d. to 8d. per lb.

CALCIUM LACTATE is in better demand at about 2s. to 2s. 3d. per lb.

CHLORAL HYDRATE.—Duty paid on spot is cheaper at 4s. per lb. for quantity.

CITRIC ACID.—The position is weaker, and practically no business being done; spot material is available at 1s. 9d. to 1s. 10d. per lb., less 5 per cent., and slightly less to come forward.

CREOSOTE, B.P., is well maintained at 2s. 6d. per lb., with the market quiet.

CREOSOTE CARBONATE is as last quoted: 10s. per lb. in bottles and a shilling less in demijohns.

GUAIACOL CARBONATE is quiet at about 8s. per lb.

HEXAMINE has been in better demand; lowest offers are now at about 2s. 9d. to 3s. per lb. on spot.

HYDROQUINONE remains quite neglected at from 3s. 6d. to 3s. 9d. per lb.

METHYL SALICYLATE is firm at 2s. 2d. per lb.

METHYL SULPHONAL is quoted in the region of 14s. 6d. per lb., with no interest shown.

MILK SUGAR is firm on the spot at from 100s. to 105s. per cwt.

PARAFORMALDEHYDE varies from 2s. 7d. to 3s. per lb. on offer, but inquiry at present is small.

PARALDEHYDE has been in better demand with a dearer tendency at from 1s. 4d. to 1s. 6d. per lb.

PHENACETIN is tending firmer on spot at 5s. per lb., with fairly satisfactory business.

PHENAZONE is steady, with offers at from 7s. to 7s. 3d. per lb

PHENOLPHTHALEIN.—There are buyers at 4s. 9d. per lb., but 5s. is now about the value.

POTASSIUM IODIDE.—The exports from Japan during July amounted to 790 kin., valued at 7,619 yen. During the seven months ended July 31 they were as follows:—

	1920	1921	1922
Kin	11,386	8,562	9,844
Yen	76,950	51,251	59,852

Of *crude iodine* the exports during July amounted to 103 kin, valued at 1,195 yen. During the seven months ended July 31 they were:—

	1920	1921	1922
Kin	12,737	11,947	5,173
Yen	110,498	79,384	44,957

POTASSIUM PERMANGANATE contains fairly active at about 8d. per lb. for B.P. material.

RESORCIN remains dull at 6s. to 6s. 6d. per lb.

SAFROL in tins and cases is steady at 3s. per lb.

SALICYLIC ACID is well maintained at 1s. 3½d. to 1s. 4d. per lb., with a fair volume of business being done.

SALOL is firmer, with spot holders asking from 2s. to 2s. 2d. per lb.

SODIUM BENZOATE.—The market has again hardened, and the general offer is 2s. to 2s. 2d. per lb. It may go still higher.

SODIUM SALICYLATE.—In some quarters good demand is reported, with value firm at from 1s. 10d. to 2s. for crystals or powder.

SULPHONAL keeps level at about 14s. per lb., with occasional business.

TANNIC ACID.—Leviss, B.P., is quiet at 3s. 3d. per lb.

TARTARIC ACID.—Offers continue in the region of about 2s. 2½d. per lb., less 5 per cent.

TERPENE HYDRATE continues quietly at the unchanged rate of 2s. per lb.

THYMOL is nominal at 20s. per lb.; any sales would probably be made at less.

VANILLIN on the spot is quoted at from 28s. 6d. to 29s. per lb.

Industrial Chemicals, etc.

London, November 1.

THE market is steady, but business is still restricted to small lots. Prices are well maintained, and in one or two instances there is a further advance recorded. Acetone continues to rise in price, but there is practically none on spot. Acetic acid is firm, with a tendency to advance. Cream of tartar is cheaper.

ACETIC ACID continues active, with most American material taken up on arrival. Spot prices are firm, and may advance slightly: 80 per cent. technical, £40; 80 per cent. pure, £43; 98 per cent. glacial, £65 per ton, in casks and demijohns, ex wharf, London.

ACETONE has been sold this week at £130 per ton, but there is not sufficient to meet the demand and the price is advancing rapidly. Stocks are almost exhausted, and with only very limited supplies to arrive over the next few months much higher prices are looked for. Apart from the home demand, continental buyers are in the market for unusually large quantities for delivery next March. Present nominal spot price is about £140 per ton for British Government specification.

ALUM.—Lump, in bags, is dull, with dealers quoting about £13 per ton.

AMMONIA (ANHYDROUS), now that the season has ended, is weak at 1s. 7d. per lb.

AMMONIUM SULPHATE for export is restricted, and likely to be scarce. Agents now ask £18 to £19 per ton.

ARSENIC remains scarce, and prices have advanced again under a steady inquiry and very restricted offers. White Cornish powder may be called about £48 10s. to £49 delivered London. The current price now shows a rise of about £16 10s. a ton from the lowest point seen this year.

BARIUM CHLORIDE (98 to 100 per cent.) remains slow of sale at dealers' hands at about £20 per ton.

COPPER SULPHATE.—The general demand has continued chiefly spasmodic, while export business is likely to be held back as long as possible, in view of the crucial state of the Continental exchanges. Producers' costs cannot be further reduced as things are at present, and for this season there is very little room for concessions from current rates varying from about £26 to £26 15s. a ton f.o.b. Liverpool for casks, less 5 per cent.

CREAM OF TARTAR.—B.P. material, on the spot, is selling in small lots at 105s. per cwt., but is cheaper in quantity at 100s. and 95s. c.i.f. to arrive for large parcels.

EPSOM SALTS are slow of sale, with commercial quality at £6 5s. per ton, in bags.

FORMALDEHYDE is now very firm on spot, with small stocks available; £77 10s. is the price asked to-day for 40 per cent. volume material.

LEAD PRODUCTS.—The outlet for white lead, as well as oxides, has been better for some few weeks past, but manufacturers seem to be in no hurry to revise their terms in view of the higher cost of raw pig lead. There is evidently some fear lest new business should be held up. The position of the metal, for one thing, seems rather artificial so far as near delivery is concerned. Dealers' c.i.f. London quotations are unchanged: red lead, £32 10s.; white lead, £36 per ton.

LITHARGE.—Pure flake British is at £35 per ton, with dealers offering Continental material, c.i.f. London, at £32 per ton.

LITHOPONE.—Continental Red Seal, 30 per cent., is steady at £22 per ton, c.i.f. London.

OXALIC ACID is unchanged at 7d. per lb.

POTASH CAUSTIC (88 to 92 per cent.) is maintained, and some business has been done in the region of £29 10s. per ton.

POTASSIUM BICHROMATE is steady at the recent quotation of about 6½d. per lb.

POTASSIUM CARBONATE is unchanged at 32s. for 96 to 98 per cent. material. The demand is moderate.

POTASSIUM CHLORATE is dull and somewhat weaker; cheap offers for shipment at slightly less than 3¾d. are reported, but the declared value on spot is about 4d. to 4¼d. per lb.

POTASSIUM PRUSSIATE.—Yellow meets with a good inquiry at 1s. 6d. per lb.

SAL AMMONIAC.—Prices quoted last week are maintained, but orders could be placed at lower rates: dog-tooth crystals, 51s.; medium-sized crystals, 46s.; fine white crystals, 31s. per cwt.

SALTCAKE is nominal. No material is available, as makers here and on the Continent, in reply to inquiries, state they are sold out to the end of the year. Nominal value about £4 5s per ton.

SODA ASH.—Spot business in London is practically at a standstill. Offers are at about £9 per ton London and £8 in the North, British makers quoting to domestic consumers on contract at £7 17s. 6d. per ton.

SODA (CAUSTIC).—There is very little inquiry, and prices are about the same: 70 to 72 per cent., £19 10s.; 76 to 77 per cent., £21 10s. per ton, in drums, ex wharf, shipping port. British makers quote to domestic consumers on contract at: 70 to 72 per cent., £20 5s.; 76 to 77 per cent., £22 10s. per ton. American 76 per cent. caustic is selling c.i.f. chief Continental ports at about £19 per ton.

SODIUM ACETATE is quiet and steady at about £23 per ton.

SODIUM BICARBONATE from British makers for home trade only is unchanged at £10 10s. per ton, in bags, delivered.

SODIUM CHLORATE seems weaker, with prices in the North in the region of 3d. per lb.

SODIUM HYPOSULPHITE, pea crystals, in 1-cwt. kegs, is steady, with fair business about at £17 to £17 10s. per ton.

SODIUM PRUSSIATE on spot is firm at 11¼d. per lb.

SODIUM SULPHIDE.—Concentrated, 60 to 65 per cent., is cheaper at £18 per ton; 50 to 62 per cent. solid is unchanged at £18 per ton, in drums.

ZINC PRODUCTS have been very firm, and prices have hardened, this being due to the substantial rise in metal, of which there is a rather serious world's shortage, which cannot be made good for some few months yet. Zinc dust, however, has not been much affected, while best material is still quoted at £50 a ton, but zinc ashes show a considerable rise, being now quoted at about £12 10s. a ton f.o.r., based on 70 per cent. The demand for zinc oxide has been generally active at rising prices, although the market has shown some irregularity, due to keen competition. Terms for red seal range from about £38 to £39, while the higher grades vary from £39 up to £45 a ton, free on rail at works. White seal, £41 10s. Fair quantities continue to be imported from the Continent.

COAL-TAR PRODUCTS, ETC.—Pitch is still advancing, and remains firm. Carbolic-acid crystals are firmer. Other products are unchanged. PITCH is firm and active at 115s. per ton. PURE METHYL ALCOHOL is firm at last week's price of £85 per ton, ex wharf, London. CREOSOTE OIL is easier in the region of 6d. to 6¼d. per gallon. CARBOLIC-ACID CRYSTALS appear to be firmer at 6⅝d. per lb. PYRIDINE is firm at 5s. 9d. per gallon. HEXAMETHYLENE is unchanged at 2s. 10d. per gallon. NAPHTHALENE is steady at £17 per ton: crude, £4 to £7; crystals, £15; powder, £16; balls, £24; tablets, £34; candles, £34 per ton.

Fixed Oils, etc.

THE volume of business during the past week has been quite good. Several lines have improved. Palm oil and acid oils are in better demand. Linseed oil keeps fairly steady, but is rather quiet. Turpentine, after soaring to a very high level, has fallen back a little. ACID OILS are firm at advanced rates, with the demand active: coconut, 34s.; palm-kernel, 34s.; groundnut, 34s. CASTOR OIL is firm, although the market is quiet: pharmaceutical, 53s.; first pressings, 48s.; second pressings, 46s. COCONUT OIL.—Steady business is reported, with rates at the close about level: deodorised, 44s. 6d.; Ceylon, 38s. 6d.; Cochin, 44s. COTTONSEED OIL.—Fair business is being done and prices are fully maintained: deodorised, 46s.; common edible, 42s., soapmaking, 40s.; crude, 36s. GROUNDNUT OIL has been flat and much cheaper rates are now being quoted: deodorised, 51s. 6d.; crude Oriental, 43s. LINSEED OIL.—The home demand has been better lately, although consumers are not buying in excess of their needs. The tightness is only temporary, but it is doubtful whether it will relax until a more regular movement of linseed supplies takes place, as crushers' operations are now on a small scale. The seed market, too, is affected by restricted offers. Raw naked oil is practically as quoted last week. On spot, about 40s.; November-December, 37s. 6d.; January-April, 33s. 6d. Hull, on spot, 39s. 6d.; November-December, 37s. 9d.; January-April, 33s. 9d. PALM-KERNEL OIL.—Prices are higher as recorded: deodorised, 42s.; crude, 36s. PALM OIL.—Rates have again improved this week, and at the close the market was firm with business brisk: Lagos is at 33s. 6d., softs at 32s. 6d., and hards at 32s. 6d. RAPE OIL is slow and unchanged: refined, 47s.; crude, 43s. SOYA-BEAN OIL is firm at slightly improved prices: deodorised, up to 42s. 6d.; crude Oriental, 36s. TURPENTINE has fluctuated, but the undertone is firm. The supplies held in warehouses are more liberal than they were, but the replacement of stock is expected to become more difficult. An American report suggests that the stringency of the market will become more acute in the winter months under keen competition for the balance of the season's production. Stocks in France are getting very low. There has been a steady demand for resin at hardening prices. For turpentine the level of 125s. was reached. The closing market, after a decline to 121s. 6d., is 123s. On spot, 121s. 6d.; November-December, 123s. 6d.; January-April, 125s.

ANIMAL AND FISH OILS, TALLOWS, ETC.—Tallows continue satisfactory both as to prices and trade. Fish oils seem steadier after the recent cut in prices. Bone greases active. Other products are unchanged. BONE GREASE.—With rates fully maintained this market has been active and closes firm: pale water, 33s.; brown, 31s.; benzine, 31s. NEATSFOOT OIL is quoted as follows: South American, under 0.5 per cent., 5s. 9d.; South American trotter oil, under 0.5 per cent., 5s. 7½d.; New Zealand, under 2 per cent., 5s. 6d. per gallon. PALE HORSE OIL.—One or two small lots on spot at 36s. delivered. ENGLISH LARD OIL is steady at 58s. to 74s. per cwt.; American E.W.S. lard oil, 3 per cent., 65s. 6d.; American extra lard oil, 5 to 6 per cent., 64s.; ditto, 3 per cent., 65s. 6d. FISH OILS are steadier, with current rates unchanged. Whale oils, filtered pale, 32s. 6d. to 41s.; filtered brown, 29s.; filtered dark, 24s. 6d.; thickened, 39s.; thickened fish, 39s.; brown whale cake, 22s.; brown stearine, 20s.; refined sperm oil, 36s.; best refined southern sperm oil, 37s.; seal oil, 30s. to 37s.; white seal oil, 39s.; English coast cod, 29s., ex wharf, London; cheaper prices, ex provincial ports. Japanese fish oils, c.i.f., in cases, 22s. 6d.

The Lavender Fair at Digne

THE third fair devoted to an exhibition of samples of lavender oil was held at Digne on October 7. The essential oil distillers of the Vaucluse, Drôme, Hautes and Basses Alpes were represented by about 150 samples, all of which had previously been analysed in the laboratory of the Chamber of Commerce of Marseilles, the result of the analysis being indicated on each sample, viz., ester content, specific gravity, solubility and optical rotation. Prices were to some extent influenced by the news that large transactions had taken place at the fair at Sault, where one large firm of Grasse was reported to have purchased three tons of lavender oil. Buyers were not so numerous as last year, and the absence of representatives of several leading Grasse firms was particularly noted. There was an impression that the success of the fair had been marred by intrigues, attributable to the fact that its organisation had this year been undertaken by the administrative authorities; that is to say, by the agricultural bureau of the department, and not, as had hitherto been the case, by the syndicate of the department of the Basses Alpes. Purchasers were extremely reluctant to conclude business at the prices demanded, and no important transactions were carried out at the fair, owing to the bargaining which took place between distillers and buyers. However, it is hoped that good business will eventually result from the fair. Prices appeared to be based at 2 francs for each degree for oils up to 38 degrees, but buyers refused to discuss this basis for oils of 45 to 50 degrees, particularly in view of the stagnation in exports of essential oils. The fair was officially opened by the Prefect of the Department of the Basses Alpes, but the absence of any Member of Parliament, as well as of any personalities of the scientific world and members of the Government gave rise to comment. No meeting or discussion was held in connection with the fair, a point which robbed it of any professional interest.

French Chemical Market

Paris, October 28.

SLIGHT improvement in the general demand for chemicals is attributed in some degree to the clearing of political conditions in the Near East, whereby trade buyers have shown somewhat more confidence. There has not been much change in prices. As a result of the sharp advance in the sterling rate of exchange, certain products, largely imported, have been more firmly held. Of these turpentine has been a striking feature. Resin has shown increased firmness, while a serious reduction is anticipated in this year's importations. Ammonium-sulphate is firm and active. Dealers anticipate a large agricultural outlet, as some difficulty is apprehended as regards spring deliveries. Terms on the spot are at around 104 frs. and it is not easy to find buyers thereat. The English product is nominally 108 to 109 frs. per 100 kilos, delivered Dunkirk. The following quotations are about representative of the market:—

Kilo (except where otherwise stated).	
Ammonium carb. Engl., per 100 kilos.. ..	240 fr.
Antimony, white oxide pulv. ..	1.50 to 1.60 fr.
Antipyrine ..	520m.
Arsenic, white pulv. ..	2.60 to 2.75 fr.
Benzonaphthol (lb.)	6s.
Bismuth salicylate	57 fr.
Bismuth subnitrate ..	60 to 65 fr.
Boric acid cryst.	3.65 to 3.68 fr.
Caffeine (lb.) ..	15s. to 16s.
Chloral hydrate	12.50 fr.
Chloroform ..	10.50 to 11 fr.
Citric acid ..	12.50 fr.
Cocaine hydrochlor. ..	1,350 to 1,400 fr.
Codeine ..	1,300 to 1,400 fr.
Copper sulphate (per 100 kilos)	135 to 142 fr.
Creosote (lb.) ..	3s.
Digitalin cryst. (gram) ..	125 fr.
Formic acid, chem. pure ..	3.50 to 4 fr.
Glycerophosphate, lime (lb.)	7s. to 8s.
Glycerin ..	4 to5 fr.
Guaiacol cryst.	65 fr.
Iodoform ..	140 to 145 fr.
Lithopone, red seal	1.50 to 1.60 fr.
Magnes. sulphate	1.20 to 1.25 fr.
Methyl salicylate .. (lb.)	2s.

Kilo (except where otherwise stated).	
Morphine hydrochlor. ..	710 to 720 fr.
Nickel oxide ..	12 to 13 fr.
Nitric acid, ord.	95 to 118 fr.
Phenacetin ..	550m.
Phenolphthalein	40m.
Potass. bromide	8 to 8.50 fr.
Potass. caustic, 88–92°, Engl., a ton.. ..	£30 to £31
Potass. chlor. ..	2.80 to 2.85 fr.
Potass. iodide	90 to 95 fr.
Potass. nitrate (per 100 kilos)	150 to 155 fr.
Potass. permang.	6½ to 7 fr.
Pyramidon ..	1,850m.
Quinine sulphate	3.30 to 3.40 fr.
Salicylic acid ..	165m
Sodium arsen..	3 to 3.25 fr.
Sodium bicarb.	0.65 to 0.70 fr.
Sodium borate	2.20 fr.
Sodium sulphate	0.18 to 0.25 fr.
Sodium benzoate	55m. to 60m.
Sodium cadocylate	130 fr.
Sodium methyl arsenate ..	6,000 fr.
Sodium salicylate	180m.
Sodium phosphate ..	1.50 to 2 fr.
Solvent, naphtha	1.45 to 1.50 fr.
Sulphuric acid ord. (per 100 kilos) ..	15 to 26 fr.
Sulphuric acid, pure (per 100 kilos) ..	135 to 138 fr.
Tartaric acid, pwd. cryst. ..	8 to 10 fr.

Two effective window displays at the pharmacy of Rogerson & Son, Ltd., chemists, Darley Street, Bradford, have been illustrated and favourably commented upon in a recent issue of the *Bradford Daily Argus*.

Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

Registered Druggists

SIR,—It is a long time now since I wrote to you, but I feel I must say something in reference to the communication of "R. D.," in the *C. & D.*, October 28, p. 618, in regard to titles, and to that other important man of the trade, the "Ph.C.," or, as they say in Government Departments, the Second Division man. After all, what does it matter what one is named if the public gives us its confidence and trade results? I have always maintained that to do what one can do well is the thing to do, and earn the reward of public esteem and confidence. When that is done, all is done.

Yours truly,

Pomeroy. J. F. GRIMES.

Higher Education for Chemists

SIR,—I must thank "Xrayser II." for the bouquet he has handed me for my letter on higher education for chemists (*C. & D.*, October 21, p. 580). He has in a few sentences expressed my meaning better than I could do myself. I used the expression, "Educated beyond their capacity," because it is rather difficult to convey the idea intended sufficiently tersely otherwise. The mass of children who receive the statutory elementary education are by reason of the conditions of birth, upbringing, and intelligence fitted for, and generally enter, some manual calling at the end of their school days, and leaving out the few brilliant ones who would shine in any case, the present system renders them dissatisfied in after life. When they have entered some trade or occupation they mostly come under the influence of the trade union connected with it, the rules of which tend to level them down to the scope of the dullest and slowest member. Originally instituted to render the workers free from oppression, the unions, it seems to me, have in their turn become greater tyrants than any capitalist would dare to be, in that they deprive any individual of his livelihood who refuses to subscribe to them, and they do not mind inflicting a great amount of hardship on the other members of the community, as was witnessed in the coal and railway strikes of last year. Just as scientific and chemical discoveries are turned into fresh implements of war and slaughter, so are all movements for good liable to abuse, and such is the struggle for existence that the rank and file are compelled to fall into line. In the retail drug-trade there is no union movement to this extent, but the capacity of the worker is still limited; no matter how capable an assistant he may be, he can only serve a certain number of customers or dispense a certain number of prescriptions in a given time, and it is physically impossible to do more; if therefore an assistant works up to his limit and his salary is raised to that limit, and the business still continues to grow, the only way to cope with it is to engage more assistants. Now a pharmacy is usually an establishment which is the property of a single owner, with frequently a son to follow on, and the position is not comparable to one in a big concern where a man may have the chance to rise step by step through various departments, to end up as a general manager or director. The pharmacist's assistant has the same qualification as his employer, and his only method of advancing is to make a fresh start and strike out for himself. When he attains this point he reaches the legal goal of his education, namely, the keeping "open shop" for the retailing, dispensing, or compounding poisons. Why the holders of the Major certificate should be especially styled pharmaceutical chemists has always been surprising to me, seeing that pharmacy is the one subject which is omitted from the higher syllabus. If the Society had wished the Major qualification to carry any real weight, it should have been preserved for proprietors and the Minor certificate left for assistants capable of supervising or being left in charge temporarily. Even now I think this would be preferable to instituting a scientific degree which would be quite useless to pharmacy as we understand it.—Yours faithfully,

AN OLD STUDENT (28/10).

Windows as Advertising Stations

SIR,—"Xrayser II." draws attention to a matter which is becoming seriously overdone, namely, the advertising of competitions and prizes in connection with selling schemes by the owners of proprietaries (*C. & D.*, October 21, p. 565). To think that a pharmacist has nothing better to do than to plaster his window with reproductions of page advertisements from daily papers booming some new form of competition, and to waste his time handing out coupons and answering a hundred and one questions as to how they are to be filled in, shows the attitude which the manufacturer takes up with regard to the retailer, and it is time that a halt was called. Besides which, it is an open question whether the public is not "fed up" with competition of this sort; on the only two occasions on which I foolishly allowed myself to be persuaded to participate, and in which the promoters included my address in the local advertising, the inquiries for entry forms were practically negligible, and I decided not to cater for any more. At the same time, the margin of profit allowed on the goods dwindles considerably on each successive occasion. This is exactly the kind of business which could well be handled by branches of the Retail Pharmacists' Union. An instruction to each branch to bring forward a resolution before its members that they should in future refuse to be made the media of any form of competition or giving-away scheme to advertise proprietary articles would at once finish the whole thing so far as pharmacists are concerned.

Yours truly,

SUBURBANITE (23/10).

The Society's Branches

SIR,—The President's remarks to the Birmingham Pharmaceutical Association on the occasion of the formation of a branch of the Pharmaceutical Society (*C. & D.*, October 28, p. 607) are on the lines which are now familiar to those who have followed the work of the re-organisation of the Society. In the case of a centre like Birmingham, and others which are equally compared, there will be little difficulty in providing for the successful working of a branch; in fact, the old Association has only to change its title to become successively a local Association, a branch of the Retail Pharmacists' Union, or a branch of the Pharmaceutical Society, and this is brought home very forcibly by comparing the reports of the R.P.U. and Association doings on pages 594 and 607 of the *C. & D.*, October 28, when it may be noted that the officials are the same in both cases. When it comes to more scattered areas, however, the problem is different, and I think that there will be a very poor showing at the meetings of the branches; in fact, I understand that in some cases already there has not been sufficient attendance to enable the local officers to be elected. Some time ago I attended a meeting hurriedly convened to form a local branch, and, to my idea, the representative of the Society who came down rather rushed the matter through; however, a provisional set of officers was appointed and the branch established. From that day to this I have heard no more about it.

Yours, etc.,

EXPECTANT (19/9).

The Use of Branded Bottles

SIR,—I am surprised to read that the solicitor to the Chemists' Defence Association had advised that there is no illegality in using soda-water or beer bottles for oils and acids (*C. & D.*, October 7, p. 492). I had always been under the impression that such a procedure was actionable on the ground of using bottles which were the property of manufacturers of beverages for noxious substitutes. At any rate, if it is not illegal it would be extremely unwise to do so, as in the case of a fatality the pharmacist would doubtless be severely censured for neglecting commonsense precautions.—Yours, etc.,

BIL MOTH (10/10).

Subscribers' Symposium

For interchange of opinion among "C. & D." readers, and brief notes on business and practical topics, especially new ideas

Appreciations

I beg you to accept my best thanks for the service and excellence of the *C. & D.*—G. H. A. (20/10).

I have appreciated the kind attention and usefulness of your journal for a great many years.—W. J. B. (21/10).

Your valuable paper is worth its weight in gold, and I personally fail to see why every chemist and druggist does not take it.—*J. B. O.* (20/10).

A Currency Query

Referring to the inquiry regarding Continental currency (*C. & D.*, September 2, p. 355), *Mr. E. T. Elmes, M.P.S.I.*, 4 Winthrop Street, Cork, writes that "Continental" will find no difficulty as regards Belgian money, any left over can be readily converted at the exchanges. Mr. Elmes adds that he will be glad to advise intending tourists as to hotels in Antwerp, Brussels, and Ghent.

Hungary Water

G. A. B. (9/9), referring to a reply in the *C. & D.*, September 9, page 388, states that he gives liq. ammon. acet. conc. for Hungary water. [This is new to us. Gray's "Supplement" gives a transcript of a formula dated 1235, said to be in the handwriting of Elizabeth, Queen of Hungary, in which rosemary tops and flowers are distilled with aq. vitæ. It is on this account that sp. rosmarini is generally supplied.—EDITOR.]

The Fair Maid's Success

Fair Maid of Bath, words fail me to express,
The gladness that I feel at thy success,
Mere words of prose cannot at all convey,
All that my heart would fain find tongue to say;
This my excuse, unworthy though it be,
For once more lapsing into poesy,
May rich success your further labours crown,
And no examiners upon you frown;
And may your answers be with wisdom framed,
And they who set hard questions be ashamed,
And seek no more to rouse a maiden's fears,
Or, worse still, cause to flow a maiden's tears.

Farewell, and may your shadow ne'er grow less,
I mean the shadow of your past success;
But in the healing art may you excel,
So that your fame all those around shall tell,
As you those remedies dispense with skill,
Restoring health upon the sick and ill.

J. C. (19/10).

Legal Queries

F. A. (4/10).—The title "Children's Cough Syrup" would render the preparations to which it is attached to medicine-stamp duty unless the article is a "known, admitted and approved" remedy. The other titles are not dutiable.

Taxed (30/10) has been over-assessed for income-tax on his trading profits, and asks whether, upon giving notice of appeal, he must furnish detailed accounts for each of the three years upon the average of which his return was based? [Upon giving notice of appeal, it will be sufficient for "Taxed" to state the grounds of his appeal, giving total figures only. It is probable, however, that he will be called upon to furnish detailed accounts later in support of his appeal.]

Doubtful (18/10).—(1) Regulation 11 of the Dangerous Drugs Act allows a medical man to purchase "dangerous" drugs "so far as is necessary for the practice of his profession," and you, as an authorised person, may supply him, making the necessary entries in the Register. The restriction of the supply of "dangerous" drugs to a doctor for his own use only applies to prescriptions. (2) Accommodation supplies of "dangerous" drugs to brother chemists should be treated as sales and entered in the Register. (3) Wholesale transactions other than those mentioned require a special licence.

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

Phœnix (7/8).—(1) CURD POWDER FOR CALVES.—The sample you send is a pure white powder completely soluble in cold water, and contains sodium bicarbonate and potassium chlorate. (2) Glycerin or chloroform is the cheapest preservative for vegetable infusions. (3) Digitalis leaves require to be dried at a low temperature.

B. & G. (4/10).—INFLUENZA POWDER.—As an alternative to salicin, sodium salicylate may be sold as an influenza powder.

T. B. (13/10).—SPIRIT VARNISH.—The following recipes are from "Pharmaceutical Formulas":

I.		II.	
Shellac ...	...ʒxvij.	Shellac ...	...ʒxvj.
Sandarac ...	...ʒij.	Sandarac ...	...ʒj.
Yellow resin	...ʒijss.	Gum thus	...ʒvj.
Spirit ...	...Oiv.	Spirit ...	...Oij. ʒxiv.

Dissolve and strain.

W. P. (1/8).—MIXTURE FOR GALL STONES AND STOMACH TROUBLES.—This mixture has the general characters of a brown chlorodyne. It contains chloroform, peppermint and plenty of reducing sugar, but no important proportion of alkaloid appears to be present. It has an alkaline reaction, and both the liquid and the small precipitate effervesce with acid, pointing to the presence of sodium and calcium carbonates. Sodium and calcium are both present. The sp. gr. of the liquid is 1.06, the total solids 8.7 per cent., and the ash 2.0 per cent.

T. & S. (31/10).—The berries are those of *Rhamnus catharticus*. The shrub is indigenous in calcareous soils, and occurs only in such soils in sufficient abundance for the berries to be collected in quantity. The number of the plants seen in the hedges in flower in May is no indication of the yield of berries in September, since a large proportion of them may consist of male plants, which do not bear berries. Several tons of the fresh berries are collected annually for preparation of the syrup, since the purchase of the liquor is rather unsatisfactory, as it is sold by the collectors at half the price or even less than it can be obtained from the ripe berries. Possibly this is done after expression of the juice by adding an equal quantity of water to the marc and again expressing it. Whether the juice is evaporated after purchase to the sp. gr. of the genuine juice, or whether the diluted juice is sufficiently purgative to be used satisfactorily, is an open question. Mr. Chas. Umney directed attention to the variation in the sp. gr. of the juice many years ago ("Year Book Pharmacy," 1873, p. 325). Probably this is the reason that there is a good sale for the fresh berries.

Retrospect of Fifty Years Ago

Reprinted from "The Chemist and Druggist," November 15, 1872

Mr. Holmes's First Appointment

At the meeting of the Pharmaceutical Council held on November 6, the chief subject of discussion was the admission of ladies to membership of the Society. One made application through Mr. Hampson, but the vista of possible dangers seemed too serious to admit a prompt accession to the request, so the committee resolved to think over it. At the same sitting, a letter was put in from Mrs. Garrett-Anderson and several other ladies, asking whether lady students might compete for the sessional prizes. Decision on this was also deferred. Mr. W. Martindale was appointed an examiner in room of Mr. Bird, resigned, this appointment being subject to the approval of the Privy Council. Mr. E. M. Holmes, pharmaceutical chemist, was appointed curator of the museum, with a salary of £150 per annum. Mrs. Henson and Mrs. Wilkes were elected to the vacant annuities of the Benevolent Fund; a gratuity of £10 was granted to the unsuccessful competitor, and some important alterations were made in the laws respecting the Jacob Bell Scholarships.

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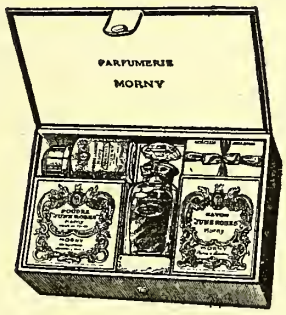

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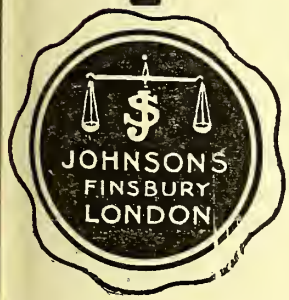

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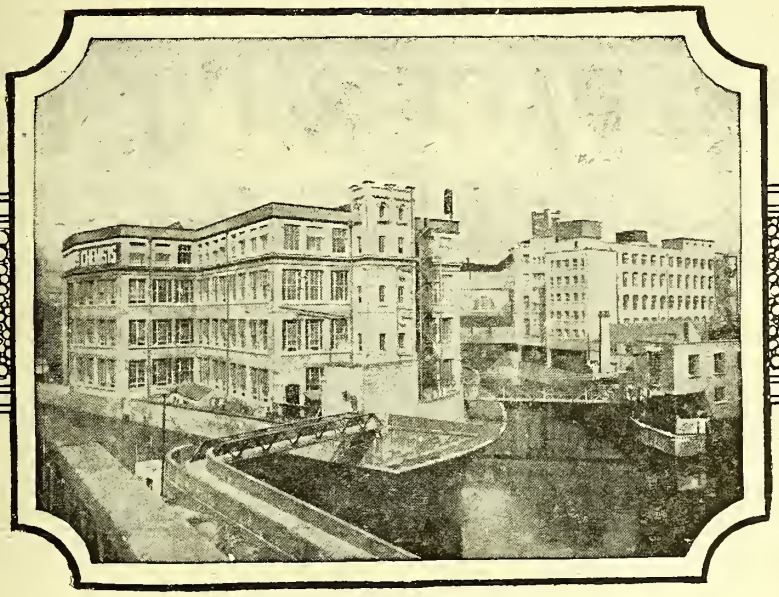
ALFRED WHITE & SONS, Ltd.

Manufacturing and Export Chemists,

28-31 ALLEN STREET, GOSWELL ROAD, LONDON, E.C.1.

BISMUTH SALTS	**ETHERS** (All Gravities)	**SP. AMMON. AROM.**
CHLOROFORM	**QUININE SALTS**	**SP. ETHER NIT.**

TELEPHONE: CLERKENWELL 1315. TELEGRAMS: "ETHERMETH, SMITH, LONDON."



ALKALOIDS AND ACTIVE PRINCIPLES.

CANTHARIDIN.
ATROPINE AND SALTS.
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HYPNOTICS.

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BUTYL CHLORAL HYDRATE.
CHLORALFORMAMIDE.

ANTIPYRETICS.

ASPIRIN.
ACETANILIDE.
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ACRIFLAVINE.
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CHLORAMINE-T.
DICHLORAMINE-T.
HALAZONE.
CHLORCOSANE.
RESORCIN MONO ACETATE.

LOCAL ANÆSTHETICS.

BENZAMINE HYDROCHLORIDE.
BENZAMINE LACTATE.

SACCHARIN DERIVATIVES.

SACCHARIN (550).
SACCHARIN (soluble).
P. TOLUENE SULPHONCHLORIDE.
P. TOLUENE SULPHONAMIDE.

GLYCEROPHOSPHATES.

GLYCEROPHOSPHATES OF SODIUM, CALCIUM, &c.

PERFUMES.

B. NAPHTHOL METHYL ETHER.
B. NAPHTHOL ETHYL ETHER.
P. CRESOL METHYL ETHER.
GERANIOL AND ESTERS.
IONONE.
BENZYL ACETATE.
EUGENOL.
METHYL ACETOPHENONE.

CHLOROPHYLL (oil and spirit sol.)
QUINOPHAN—BOOTS.
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PRICES ON APPLICATION.

BOOTS PURE DRUG CO. LTD.,

MANUFACTURING CHEMISTS AND
MAKERS OF FINE CHEMICALS,

STATION STREET —— NOTTINGHAM.

TELEPHONE : 3160 *TELEGRAMS : "DRUG NOTTINGHAM."*

CHAS. PAGE & CO., LTD.

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422/425 Royal Exchange, Manchester. 31 St. Vincent Place, Glasgow.

Offer at first hand.

ACETANILIDE **ACID TANNIC "BYK"** (Pure and Technical)

BROMIDES **HEXAMINE**

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WHOLESALE QUANTITIES ONLY.

TELEPHONES { HEAD OFFICE: MINORIES 2250 (3 lines). MANCHESTER: CENTRAL 1882 (2 lines). GLASGOW: CENTRAL 452.

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The British Pharmacopœia specifies

that BORAX must not contain ARSENIC in excess of five parts per million.

COMMERCIAL BORAX may fail to comply with this standard, and is therefore unsuitable for Pharmaceutical purposes.

Secure the protection of our guarantee by ordering through your suppliers.

REGD. TRADE **"TWENTY MULE TEAM"** MARK

BORAX B.P. Quality

CRYSTAL POWDER.

Guaranteed to comply with the requirements of the British Pharmacopœia.

BORAX CONSOLIDATED Ltd., 16 Eastcheap, London, E.C. 3.

BRUNNER, MOND & Co., LIMITED

Crescent

Brand

ALKALI PRODUCTS

These products are made by the Ammonia process and are distinguished by their great purity.

PURE ALKALI, 58 Degrees

A dry, white powder: dissolves quickly and easily in water, making an excellent detergent for use by printers, bleachers, dyers, and for bottle washing. Is nearly equal to 99 per cent. carbonate of soda; is much used by glass, paper and soap makers. The best alkali for soap powders and washing powders.

PURE SODA CRYSTALS

CARBONATE OF AMMONIA (Lump and Powder)

BICARBONATE OF SODA

This Bicarbonate answers all the requirements of the British Pharmacopœia. It is a pure, refined and recrystallised salt, particularly free from metals or any base other than soda. This sodium bicarbonate is specially suitable for the preparation of granular effervescent preparations and salines, seidlitz powders and baking powders, and is well adapted for other medicinal and domestic purposes. It is the purest and cheapest sodium bicarbonate made.

CAUSTIC SODA

Solid, 76/77 per cent.; 70/72 per cent.; 60/62 per cent.
Flaked, 76/77 per cent.

SILICATE OF SODA

Retailers can obtain these products through any Wholesale House by specifying B., M. & Co.'s "Crescent" Brand.
The Manufacturers supply wholesale quantities only.

BRUNNER, MOND & CO., LIMITED, NORTHWICH, CHESHIRE. LONDON OFFICE: 7, Cavendish Square, W.1.

DESICCATED GLAUBER SALTS, B.P.

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SAPONINE
ZINC SULPHATE CRYSTALS

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Actual Manufacturers:
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NOTE.—Only terms, Net Cash with order without discount, or orders accepted through London Merchants or Bankers. Goods Carriage Forward. All Packages free. Export Cases extra.

ACID BORIC PULV.	1 cwt. bags at 73/- cwt.
„ TART „ or cryst.	1 cwt. kegs at 1/4½ lb.
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CHLORODYNE (No. 2)	... 3 wr. qts. at 2/9 lb.
CORT AURANT SHREDS	28 lb. bags at 7½d. lb.
LIN. CAMPH. B.P.	4 gallon tins at 1/7 lb.
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„ EUCALYPT. P.B.	...28 lb. tins at 1/8½ lb.
„ OLIVÆ P.B.	4 gallon tins at 8/3 gall.
PARAFF. DUR. B.P.	1 cwt. bags at 4½d. lb.
„ MOLLE FLAV. B.P.	3¼ cwt. casks at 35/6 cwt.
RAD. CALUMBA...	1 cwt. bags at 11/6 cwt.
SYR. FERRI PHOSPH. CO.	56 lb. kegs at 7½d. lb.
„ SCILLÆ P.B.	... 56 lb. kegs at 7d. lb.
STRYCHNIN. CRYST.	... 8 oz. at 5/6 oz.
ZINC OXIDE	... 1 cwt. at 62/6 cwt.

NET CASH WITH ORDER. ALL PACKAGES FREE. CARRIAGE FORWARD.

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Cable Address: "CELAITCH NEW YORK."

Codes: A B C, Fifth; Bentley's Improved Private.

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BROKERS & COMMISSION MERCHANTS, DRUGS : CHEMICALS : OILS : SPICES. PROPRIETARY MEDICINES, DRUGGISTS' SUNDRIES.

Buying and Selling Agents for leading Houses in all parts of the World.

European Manufacturers desirous of placing their goods in the American market would do well to communicate with us. Our outlet for goods is very large.

London Correspondents—CHAS. L. HUISKING, LTD., 74 Gt. Tower St., London, E.C. 3.

Phone: MINORIES 2652. *Cable Address: "CELAITCH LONDON."* *Telegrams: "CELAITCH, BILGATE, LONDON."*

Everybody, whether they have a

Vote

or not, will be talking politics for the next few weeks, the demand

for

Liquorice, Wild Cherry, etc., in the form of

"Menthells"

which are so strengthening to the throat, will therefore be immense.

Sole Proprietors and Manufacturers:

BLYTON, ASTLEY & CO.,

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Telegrams: "TROCHES, MANCHESTER."

Société Anonyme Anct. B. SIEGFRIED

Telegrams: "SIEGFRIED, ZOFINGUE." ZOFINGUE, SWITZERLAND. *Established 1873.*

PHARMACEUTICAL CHEMICALS AND DRUGS AND ALL CHEMICALS FOR SCIENTIFIC PURPOSES, TECHNICAL INSTITUTES, &c.

The following are a few of our Specialities :

Acetol Salicylate
Acetamidosalol
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Adrenaline
Amidopyrine and salts
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Benzonaphthol
Betanaphtholsalicylate
Bismuth tribromphenate
Codeine pure
Codeine phosphate
Cotarnine hydrochlor.
Diacetylmorphine pure
,, hydrochlor.
Diacetyltannin
Dichloramine-T
Diethylendiamine & derivatives
Etherethylaminobenzoate
Ethylmorphine hydrochlor.
Fluoresceine
Guaiacol and derivatives
Hexamine and derivatives
Hydrastinine
Ichthosufol
Lecithin
Mercurials
Methylacetanilid
Methylamidoxybenzoate
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Morphine hydrochlor.
Papaverine hydrochlor.
Phenetidine Citrate
Phenetidine Lactate
Phenylsemicarbacide
Potassiumorthoxyquinoleinesulf.
Quinine Ethyl Carbonate
Quinine Dicarbonate
Saloquinine
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Silver Colloidal
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CREAM OF TARTAR

99/100% B.P.

Favourable terms for spot goods or forward delivery.

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FINE CHEMICALS, Ltd. *40, MARY ST., DUBLIN.*

INVITE ENQUIRIES FOR
CARRIGEEN (IRISH) MOSS,
FINE CHEMICALS,
HEAVY CHEMICALS.
KEEN QUOTATIONS OFFERED.

SOLAZZI LIQUORICE JUICE

IS PRE-EMINENTLY THE CHEMIST'S BRAND

BECAUSE

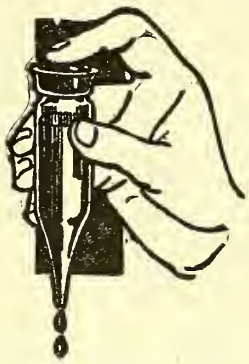
1 IT IS RECOGNISED AS SUCH BY THE LEADING MEDICAL JOURNALS.

2 IT IS RECOGNISED AS SUCH BY CHEMISTS AND THE PUBLIC, AS IS PROVED BY ITS UNINTERRUPTED SALE OF OVER 100 YEARS.

3 THE SALE IS HELPED BY STEADY AND INTELLIGENT ADVERTISING.
ASK YOUR WHOLESALER FOR OUR LATEST HANDBILL.
IT WILL INTEREST YOU AND IT WILL INTEREST YOUR CUSTOMERS.

STEARNS QUALITY FOUNDED 1855

FILLING THE DROPPER



THE DROPPER IN USE

A New Idea for the Alert Chemist

When you dispense an eye lotion or any liquid to be measured in drops, you provide a container and an instrument for dropping.

By using the *Stearns Dropper* you give your client a *combined container and dropper*. A new departure to replace the old-style, un sanitary, ever-getting-lost separate dropper.

THE STEARNS DROPPER

is also a valuable container for potent remedial liquids to be taken in drop doses, such as tinctures of nux vomica, aconite, belladonna, solution of potassium arsenite, etc.

Because of its convenience and accuracy, the *Stearns Dropper* is used by several State Boards of Health in America for administering the legally-prescribed silver nitrate treatment of the eyes of new-born infants.

Use it as a container for preparations of your own manufacture.

ENQUIRIES INVITED

Frederick Stearns & Company

Manufacturing Chemists

Detroit, U. S. A.

Branch Laboratories: Windsor, Ont., Canada, and Sydney, Australia
Branch Offices: New York, San Francisco, Calcutta, Cape Town

4

With Glycerophosphates
Hypophosphites
Cascara
Manganese
Haemoglobin

"℞ Collosol Ferromalt (Crookes)"

the instructions you will see most frequently on your script this winter.

Collosol Ferromalt, the most successful iron tonic on the market, is the subject of a new brochure issued to the medical profession early in November.

Terms and full particulars from

THE CROOKES LABORATORIES
22 Chenies Street, Tottenham Court Road, W.C.1
Telephones: Museum 3663-3697.
Telegrams: "Colossally, Westcent, London."

CRYTON'S

THE GREAT NERVE FOOD AND FLESH BUILDER.

IRVONA is obtainable from all the usual wholesale houses, or direct, at the following prices—**3/-** size, **27/-** per dozen.
15/- „ **135/-** „ „

"IRVOLAX" (the safe aperient).
1/3 size ... ... **12/-** per doz.
3/- „ (four times the quantity) **27/-** „

MOLVENE
(the safe flesh reducer).
3/- packet ... ... **29/-** per doz.

Terms Net 30 days, subject to usual trade references. For orders under 27/- in value cash with order.

P. J. WILLIAMS
Chiswell Chambers, 27 Finsbury Street,
LONDON - - E.C. 2

SINGLETON'S EYE OINTMENT.

The oldest established remedy in existence. Founded 1596 and manufactured on the present premises for 240 years.

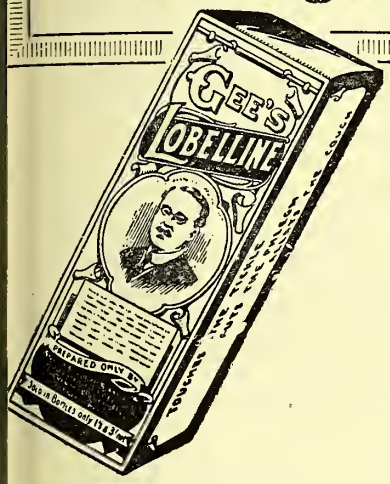
ON THE LIST OF THE P.A.T.A.

REDUCED PRICE TO THE TRADE.

Retail Price - - 2/9 per pot.
Trade Price - - 25/- per doz.

Further particulars from:—
STEPHEN GREEN LTD.
210 LAMBETH ROAD, LONDON, S.E.
Tel. No. 4088 CITY.

The Cough Cure they ask for again and AGAIN!!



GEE'S

LOBELLINE

The Great Lung Preserver

For COUGHS, COLDS, ASTHMA, BRONCHITIS.

Well advertised, profitable line. Write for generous terms NOW.

Bottles, 1/3, 3/-, 5/- (P.A.T.A.
Lozenges, 1/3 per tin (P.A.T.A.)

Sole Proprietors:
SQUIRE & CO. BIRMINGHAM, LTD.

Stirchley Laboratories, BIRMINGHAM

Guaranteed Relief — or MONEY BACK ★

PHYSIKURATE
IN NOCTE CURANS

For Rheumatism, Lumbago, Neuritis, Gout, Sciatica, and all other Uric Acid Complaints.

A Nationally Advertised Line that pays Retailers 25% on a steady increasing sale. Send now for Special First Stock Parcel: 1 doz. 3/- size, 1 doz. 5/- size, ½ doz. 12/- size. Any quantity Carriage Paid. Window Display Terms on Application. All Wholesalers stock PHYSIKURATE.

On P.A.T.A. List

★ *As advertised, any dissatisfied customer will receive money back on applying direct—this saves you from trouble and ensures your recommendation and profit.*

PHYSIKURATE, Ltd., 92a Upper Clapton Road, LONDON, E.5.

"WORKS WHILE YOU SLEEP"

HARROGATE TABLET COMPANY'S HELPFUL TALKS to CHEMISTS

Our Dr. Stork's Worm Cakes are Unique

CHILDREN like to unwrap the silver covering, are charmed with the laughing baby face, enjoy eating the delicious chocolate.

PARENTS find them efficacious and economical, have no difficulty in administering them, can take them themselves with beneficial results.

CHEMISTS see children gratified!
see parents satisfied!!
see profits multiplied!!!

therefore they STOCK THEM.

Packed in beautifully decorated tins of 1½ gross.

Price **10/-** per gross. Retail at **1½d.** each.

HARROGATE TABLET CO., Ltd.
CHATSWORTH GROVE, HARROGATE.

Gelatines

Fine Leaf Gelatine, Pure Calf.

"Albion" Brand (In 1-lb. Packets, 112 × 1-lb. to Case)

Made in England.

FINE CRYSTAL GELATINES.
PURE SKIN GELATINES.
POWDERED GELATINES.

Samples on Application.

OURY, MILLAR & CO. 9 *MINCING LANE, LONDON, E.C.3.*

Telegrams: "Olmenth London." *Telephone: Avenue 4978.*

PILLS & TABLETS
(ALL SIZES).

ACTUAL MANUFACTURERS.

Lists on Application.
Thousands of Stock Formulary.

OUR SPECIALITY FOR 30 YEARS!

MATTHEWS & WILSON, LTD.
COLE STREET, LONDON, S.E. 1.

Telephone: Hop 5497. *Telegrams:* Pilleolum, Sedist. London.

Don't Forget to stock these two remedies

"KRENOMAR"
(REGD.)

In the case of Toothache, the Box with the RED Seal. | In cases of Ringworm, Alopecia, &c., the box with the BLUE Seal.

Sole Proprietors & Manufacturers
The PROPRIETARY CURES (Parent) Co. LTD.
Registered Office:
85 Albert Road, MIDDLESBROUGH.
Selling price in each case **1/1½** per box.

SPECIAL TERMS to the TRADE *Opinion of a Chemist:* "I have sold more than I thought I would."

NURSE HARVEY'S MIXTURE

A safe, simple, and reliable remedy for Children's Ailments is advertised so extensively in the daily and weekly Press as to bring mothers to the retailer without effort on his part.

The selling has been done before the mother reaches the chemist, and, having supplied her, it is only common sense to claim she will buy other family necessaries from him. Moreover, the retailer has a profitable return on a quick turnover.

For Direct Terms apply to—
OSCAR SCRUTON & CO., YORK

RADIUM COMPOUND.
SELF-LUMINOUS
Highest Possible Efficiency, Durability & Value.

As supplied to H.M. Government, &c.
Guaranteed to pass N.P.L. requirements.
All Grades in stock, from 15/- per gram.
RADIUM SALTS TESTED AND CERTIFIED.

F. HARRISON GLEW, THE RADIUM LABORATORY
156 Clapham Road, London, S.W.

A Sure Profit of 20%

Urodonal

Costs you 48/- & 115/2½ per doz.

Sells at 5/- & 12/-

It is backed by an extensive advertising campaign. Urodonal is in every home—it has a constant demand. Urodonal stands for clear profits—are you getting your share of these?

Jubol, Globéol, Gyraldose, Pagéol, Fandorine, Sinubérase, Filudine, Jubolitan, Jubolitoires, Vamianine, Dialirol, Linycol, Rhino-Fogyl, Fogyl, Romanyl, Poral, Poralin, Noctyl, Rucoval, Furosyl, Succine, Corivore - Plaster. ***Collampoules:*** *Vamiol, Bokanol, Gamostyl, Plasmocol, Dosarter, Pyran, &c.*

From—Sangers; May, Roberts; Butler & Crispe; Wilcox, Jozeau & Co.; and all Wholesalers.

Write for Price List and Terms to—

M. E. BOUSSARD, 7 Paddington Street, LONDON, W.1.

Sole Agent for Chatelain's Laboratories, Paris.

Himrod's ASTHMA CURE

Established 50 years.

IT is a powder to be burned and the fumes inhaled without any bad after-effects. Recommended by physicians throughout the world.

"I have tried every remedy ever invented, and 'Himrod's Cure' is the only one in which I have absolute confidence."—EMILY FAITHFUL.

"This is an excellent remedy for Asthma."—Sir MORELL MACKENZIE (in his Clinical Lecture at the London Hospital and Medical College).

"The only relief I could get; if I had only known of it before."—LORD BEACONSFIELD, in his dying moments.

Himrod Manufacturing Company,

SOLE PROPRIETORS,

270 WASHINGTON STREET,
JERSEY CITY, N.J., U.S.A.

Generous Profits

are assured to the Pharmacist who stocks these popular products.

Kay's 'LINSEED COMPOUND'
Compound Essence of Linseed

Kay's MOUNTAIN FLAX PILLS
'Linum Catharticum'

'Kay's TIC PILLS'

'Kay's THROAT LOZENGES'

Purchased in convenient quantities from any Wholesaler they carry a clear protected (P.A.T.A.) 25% on turnover (33⅓% on cost). Their real merit—backed by shrewd advertising — ensures a steady ever-growing sale.

Sole Proprietors:

KAY BROTHERS LTD.
STOCKPORT

"G.R.L."

(GOUT - RHEUMATISM - LUMBAGO)

LINIMENT

ONE SIZE ONLY ... ... 3 oz.

RETAILS AT 1/3.

PRICE: 9/9 doz. 3 doz. @ 9/3.

NAME AND ADDRESS FREE ON 3 DOZ.

ATTRACTIVE SHOWCARDS.

During November a

Special Introductory Offer

will be made to new Customers, giving them a

PROFIT OF 6¼D. ON EACH BOTTLE

ORDERS AND ENQUIRIES TO THE PACKED GOODS DEPT., EXETER.

Evans, Gadd & Co., Ltd.

Wholesale & Manufacturing Chemist,

BRISTOL & EXETER.

SYRUP

ROBORANS

(ROBERTS)

Recognised by the Medical Profession as

THE BEST TONIC.

Supplied in 8-oz. and 16-oz. Bottles by all the Wholesale Houses.

Inquiries Invited for

NEW & RARE MEDICINES

of French, Italian and Russian Origin.

ROBERTS & CO.,

76 New Bond Street, London, W. 5 Rue de la Paix, Paris.

A CANADIAN MESSAGE

To the Retail Chemists and Druggists of Great Britain

DURING the period of the Great War we were unable to ship any of our Pharmaceutical Products to England, and their use and sale were very much reduced as a consequence.

We are now constantly detailing and sampling Wampole's Specialties to the Medical Profession throughout Great Britain, with gratifying results.

The leading wholesale druggists of England are carrying a full stock of our preparations, and are prepared to fill orders promptly from retail chemists.

Cod Liver Preparation, 16 oz.
Cod Liver Preparation, 8 oz.
Phospho-Lecithin, 16 oz., unstamped.
Phospho-Lecithin, 8 oz., unstamped.
Creo-Terpin, 16 oz., unstamped.
Creo-Terpin, 8 oz., unstamped.
Magma Magnesia, 16 oz., unstamped.

MADE IN CANADA BY

Henry K. Wampole & Co., Ltd.

Manufacturing Pharmacists,

PERTH, ONTARIO, CANADA.

GERMOLENE
ASEPTIC
TALCUM POWDER
NOW ADVERTISED

The Proprietors of Germolene now offer to the Trade another splendid line in

GERMOLENE ASEPTIC TALCUM POWDER

Packed in dainty containers, beautifully decorated in Blue and Gold, it will sell at sight.

PRICE 6/6 per doz.

(less usual window show and cash discounts).

RETAILS AT 1/- PER TIN. PROFIT 100%

Be sure to include Germolene Aseptic Talcum Powder in your next Window Show Order.

Prices for Veno Specialities, Germolene, Dr. Cassell's Tablets, Veno's Lightning Cough Cure, etc. etc., are as follows :—

Small Size (1/3 *retail*) **12/5 per doz.** ... ... } *Cash Discount*
Large Size (3/- *retail*) **30/-** ,, ,, ... } *2½ per cent. in 30 days.*

WINDOW SHOWS.—For displaying showcards we allow an additional 5 per cent. and the display undoubtedly assists sales. (*With £100 parcels the cash discount is 5 per cent. in addition to the 5 per cent. for display*).

NOTE—ALL GOODS DELIVERED CARRIAGE PAID, IN FREE BOXES.

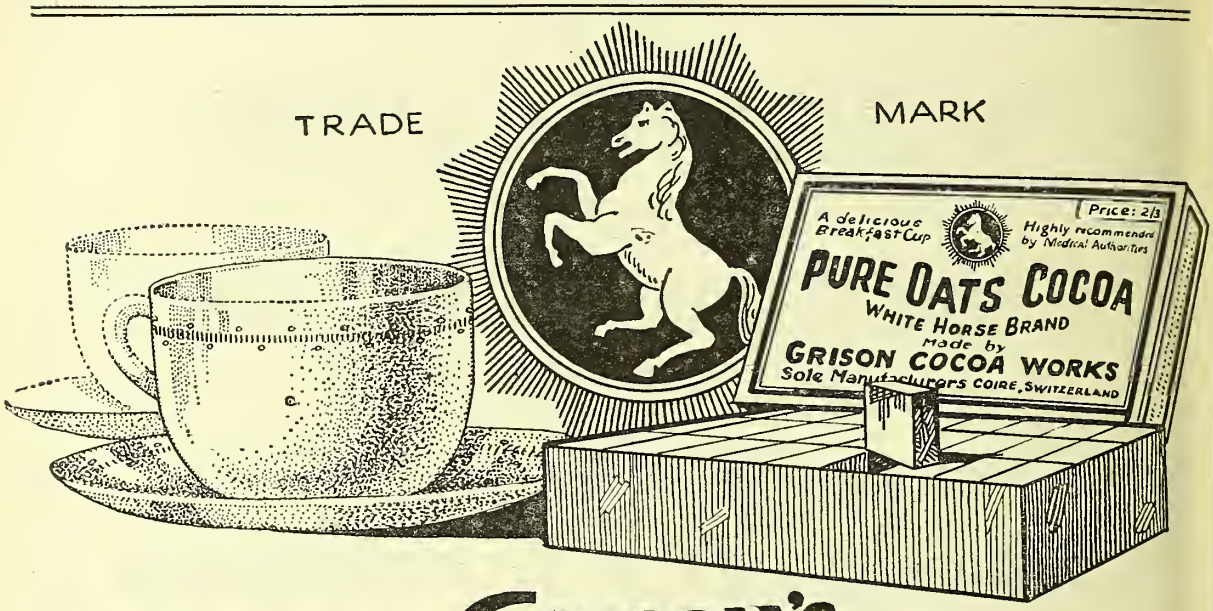
Sole Manufacturers & Proprietors—

THE VENO DRUG CO., LTD.

Manufacturing Chemists

MANCHESTER, ENGLAND

Telegrams : "SEAWEED MANCHESTER." Telephone : 422 TRAFFORD PARK.



GRISON'S PURE OATS COCOA

The Ideal Health Food.

WHAT IT IS.

Grison's Pure Oats Cocoa is a perfectly natural health-giving food and drink. Only the world's finest oats and cocoa are used in its manufacture. Its perfection is assured in the mixing and blending process — an exclusive Grison process for thirty years—in our model factory.

WHAT IT IS FOR.

Doctors unanimously recommend Grison's Oats Cocoa for nursing mothers and those who expect to be. Palatable and nutritious, it is splendid for growing children, especially for the weakly ones. It nourishes, strengthens those with weak digestions, comforts and sustains invalids and the aged. It also keeps the healthy fit.

WHAT IT MEANS TO YOU.

Your minimum profit is 25 per cent. on any quantity—30 per cent. on a gross. Liberal window display allowance on three dozen or more. Each attractive carton of 27 silver wrapped squares retails for **2s. 3d.** Makes 54 cups at ½d. a cup. On the P.A.T.A. list.

WHAT WE ARE DOING.

Grison's lend you hearty co-operation in selling Pure Oats Cocoa. Extensive advertising will commence in the Autumn and continue throughout the winter season. Many of your customers will be wanting Grison's after receiving our free samples by post. Even now there is a brisk demand.

You can taste the oats in Grison's Pure Oats Cocoa. Write to us for samples for yourself and for distribution. Ask for details of our advertising campaign, price-list, special allowances and terms.

GRISON'S PURE OATS COCOA CO., LTD.
72 REGENT ST., PICCADILLY CIRCUS, LONDON, W.1.

Note to Yorkshire Traders: Benefit by our advertising now appearing in Yorkshire Newspapers and obtain your supplies of Grison's Pure Oats Cocoa of us, or from—

LEEDS: Goodall, Backhouse & Co. SHEFFIELD: Exell Bros., 20 Bank Street.
YORK: Raimes & Co. (Micklegate).

A sales campaign with a punch!

The **"Grips" Window Display Competition** takes place this month. Are your arrangements complete?

OUR big national advertising campaign has commenced. It is a campaign with a punch. Every line of this sales-compelling copy is convincing the public that "GRIPS" at **10d.** per quarter and in **1/-** tins is the best Pastille value obtainable.

All the leading London and Provincial daily and weekly newspapers are carrying our message; judicious use of "GRIPS" tins, and the window material we place at your disposal, will ensure you your share of this business.

Come in on this proposition NOW!

Your wholesaler can supply "GRIPS" FIRST-AID PASTILLES. If any difficulty in obtaining, write for terms, etc. Let us send you details of the "Big Push," together with full information of how it will benefit **you.**

GRIPS FIRSTAID PASTILLES

Distributing Agents for the Wholesale and Retail Chemist Trade:

Thos. Christy & Co., 4/12 Old Swan Lane, London, E.C.4.

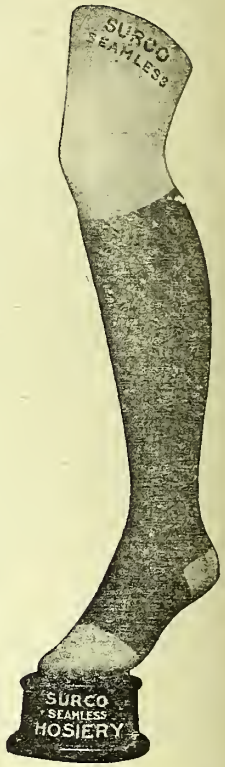
An Advertising Exhibit for your Window

SUPPLIED FREE TO CUSTOMERS.

Please ask for particulars.

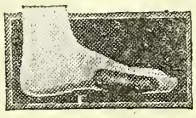
THIS IS A BUSINESS BRINGER.

Surgical Hosiery Co. Ltd.,
Russell Street, Nottingham.
Department "B."



DR. SCHOLL'S BUNION REDUCER

Relieves and reduces bunions and enlarged joints. Eliminates shoe pressure. Made of finest surgical rubber. Men's and Women's Sizes: Rights and Lefts. Price 2/6 each.

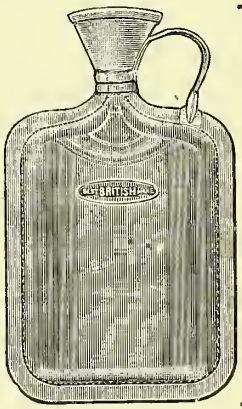


Dr Scholl's
Foot Comfort Appliances

are nationally advertised in all the leading newspapers and periodicals. Link up with this big publicity by featuring "Scholl" goods strongly in your window-dressings.

Write to-day for Illustrated Catalogue.

The SCHOLL MFG. CO., Ltd., 1-4 GILTSPUR STREET, E.C.1.



HOT WATER BOTTLES

BEST BRITISH MAKE.

SPECIAL OFFER (with COVERS COMPLETE) at 6×8 3/-, 6×10 3/2, 6×12 3/8 each (INCLUSIVE).

Samples submitted on approval.

Advertising Balloons a Speciality and all Surgical Rubber Goods.

JAMES TOMPKINS Ltd.
"THE RUBBER HOUSE,"
386 CITY ROAD, LONDON, E.C.1
Estd. 45 years. 'Phone. Clerkenwell 3774

SURGICAL DRESSINGS

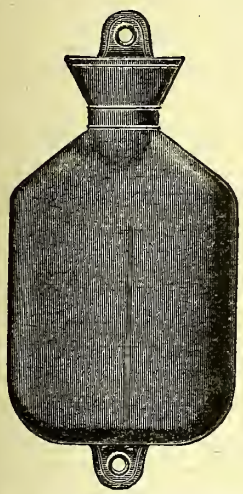
ABSORBENT, PLAIN and UNBLEACHED COTTON WOOLS, BANDAGES, GAUZE

Wholesale and Export only.

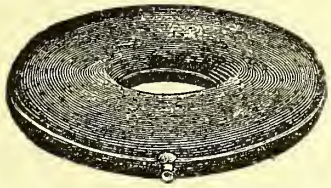
GEORGE HAYNES & CO. - - STOCKPORT, Eng.

Telephone: 2112 Stockport. Telegrams: "Haynes." Code: A B C, 5th Edition.

INDIA RUBBER HOT WATER BOTTLES & AIR CUSHIONS, etc.



RED SEAMLESS MOULDED
Boxed Separately
No. 2 ... ... 4/6 each
No. 3 ... ... 5/8 „

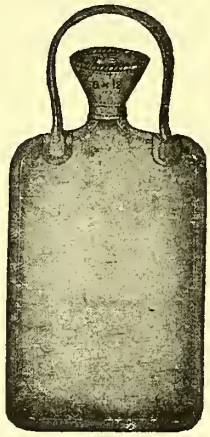


SOLID RED I.R. AIR CUSHIONS.
CIRCULAR.

14″	15″	16″	17″	18″	
5/8	6/4	6/8	7/4	7/8	each.

19″	20″	21″	22″	
8/6	9/4	11/4	12/8	each.

All kinds of I.R. Goods, Tubing, Enemas, Air and Water Beds, Finger Stalls, Bandages, Crutch Tips, Gloves, Waterproof Bed Sheeting, &c.



BEST DRAB
Guaranteed 2 years,
Fitted with Patent Double Seal Stoppers,

10″×6″	10″×8″	12″×8″
3/4	3/10	4/2

12″×10″	14″×10″
5/2	5/6 each.

THE CORNBROOK RUBBER CO., LTD.

83 FARRINGDON STREET, LONDON, E.C. 4

Telephone: Central 3820. Works: BOW. Telegrams: "Fercorrub, Cent, London."

THE "PORTIA" ADJUSTABLE

BABY'S BALANCE

Also complete with Netted String Hammock,

Write for Prices.

Always Accurate.

The BEST and the Handiest Portable Baby's Balance.

Obtainable from all Wholesalers.

SOLPORT BROTHERS, Ld.
184/190 Goswell Road, LONDON, E.C. 1.

Wholesale and Export

LATEST PRICE LIST ON APPLICATION

FULLY STOCKED.

21 Ely Place, London, E.C. 1.

Phone: Holborn 4637.
Telegrams: "Roborans, Smith, London."

Edward Taylor LTD.
FACTORY: SALFORD, MANCHESTER

MEASURES.

All kinds - - - - For every purpose.

Ordinary Engraved
Metric
Photo

Rain Gauge Jars
Masons' Wines
Ships' Measures

Cream Meters

MEDICINE TUMBLERS—
Hand Engraved, Sandblast, Clear Letter.

Manufactured by

HENRY W. BUSH & CO., LTD.

COMMERCIAL STREET, LONDON, E.1.

BUY DIRECT

ELARCO RUBBER GOODS

The LONDON RUBBER CO. 183 Aldersgate Street LONDON. E.C.1.

THE ALTRINCHAM RUBBER CO.'S NOTED
TOY BALLOONS

Prices: 1d., 2d., 3d., 4d., 6d., 9d. & 1/- each, less 33⅓% discount to the trade.
Customers' own Advertisement printed on at a Nominal Price.
Address: Mossburn Buildings, ALTRINCHAM.

T.H.FORD LIMITED 6, WELL ST., LONDON, E.C.1.

REGISTERED TRADE MARK INGOT DROPCO SERIES

Telegrams: Drofcolym, Cent, London. *Telephone: City 6343*

METHYL SAL. and CAPSICUM TISSUE

Made from best quality wool and enveloped in gauze.
COMPLETE IN 1-oz. CARTONS

A ready seller which guarantees
REPEAT ORDERS

Sample dozen free on receipt of P.O. for 5/6

THE SELLER of the SEASON!

Instantly ROLLS PAIN AWAY!

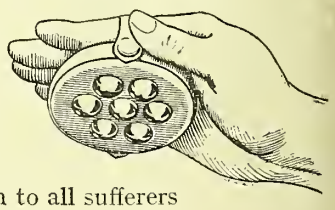
In Cases of RHEUMATISM, SCIATICA, LUMBAGO, Etc

The "QUROPAD"
PATENT FRICTION MASSAGER.

Guaranteed efficient and to be exactly as represented.

Recommended by the Medical Profession.

Stocked by leading Stores.



The greatest boon to all sufferers from Rheumatism ever invented.

For liberal Trade Terms write to-day.

THE QUROPAD CO., 3 Porchester Road, Bayswater, London, W.2.

TRADE MARK

PERFECTUM SERIES

Telegrams:
'Aybelim, Finsquare, London'
Cables:
Code, A B C 5th Edition.

Telephone:
CLERKENWELL 1347
" 1348
" 1349
Pte. Exchange

SURGICAL DRESSINGS AND CHEMISTS' SUNDRIES

ARTHUR BERTON LTD.

SPECIAL LINES
IN
VACUUM FLASKS

DELIVERY FROM STOCK
WRITE TO-DAY FOR
QUOTATIONS AND SAMPLES

WAREHOUSES & SHOWROOMS:
15 & 17 Worship St., LONDON, E.C. 2. 84 Miller St., GLASGOW
AND
36 Chapel Street, Victoria Bridge, MANCHESTER.

This Illustration shows the Patent Shock Absorber and the glass refill marked "Thermos."

No. J.22.

SPECIFICATION.

Brown Enamelled body with trade-mark name "Thermos" in silver; aluminium cup and shoulder, with detachable handle to cup; "Thermos" Shock Absorber and refill; superfine cork and parchment cover.

THERMOS

LTD.

Announce

A NEW FLASK and Prize Competition.

The J.22 is a new Flask retailing at **5/-**. It has our standard refill and Patent Shock Absorber (see specification.) It is a great seller and should be stocked by all Dealers.

With the introduction of this Flask a

PRIZE COMPETITION

has been started.

PRIZES, £20, £10, £5, and 100 Flasks.

This very easy Competition is producing big business—every Dealer is interested.

FULL PARTICULARS FROM—

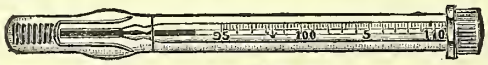
THERMOS LTD., 12-14 Denman St., Piccadilly Circus, London, W.1

A. C. COSSOR & SON

Established 1859.

High Class

Clinical Thermometers



PATENT

THE ACCOSON ASEPTIC CLINICAL.

The Thermometer is sterilised each time it is placed in the case, and the markings on the tube are not defaced. Any 4″ clinical will fit the case.

Prices on application or can be obtained from all Wholesale Houses. ORIGINAL PATENTEES OF EASY SET CLINICAL THERMOMETERS. Contractors to all Government Departments.

Accoson Works, Vale Road, London, N.4.

Telephone : Tottenham 1880.

ESTABLISHED 1839.

PROTECTIVE OVERALL CLOTHING FOR CHEMISTS & DRUGGISTS

KHAKI DRILL WAREHOUSE COATS,
7/11, 10/6, 12/6, 14/6.

WHITE DRILL JACKETS,
6/6, 7/6, 10/6.

WHITE DRILL LABORATORY COATS,
10/6, 12/11, 15/11.

BLACK DRILL WAREHOUSE COATS,
18/6.

Postage on Coats 9d. each.

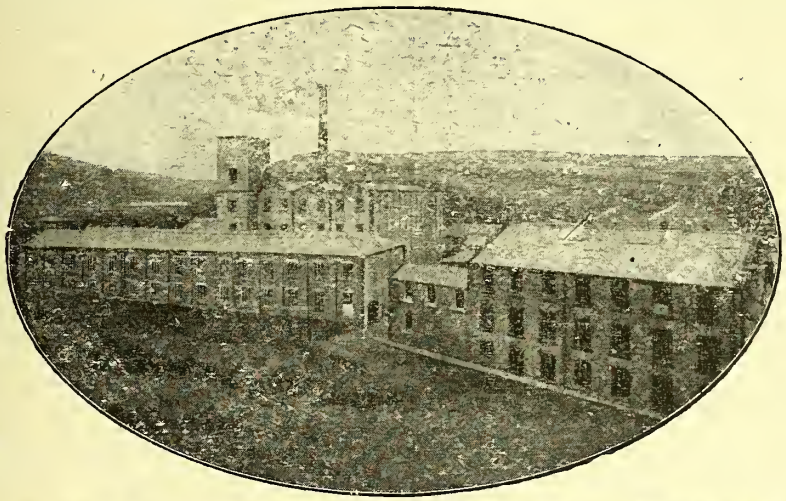
POST ORDERS Promptly and Carefully Executed.
We pay postage on all orders over **20/-**.
Samples and special quotations for quantities sent on request.

STOCK SIZES, 34 to 44 Chest. When writing us measure Chest over waistcoat.

GARDINER & Co. (THE SCOTCH HOUSE) Ltd.
(Dept. T.) 1 COMMERCIAL ROAD, LONDON, E 1.
Phone: Ave. 6650 (4 lines). Wires: "Durastile, Phone, London."

ESTABLISHED 1839.

Write us for copy of New Illustrated Style Booklet and Patterns of New Acid-Proof Clothing.



Trade Mark.

Insist on having "Wardella" Brand.

Reg. Trade Mark.

Insist on having "Wardella" Brand.

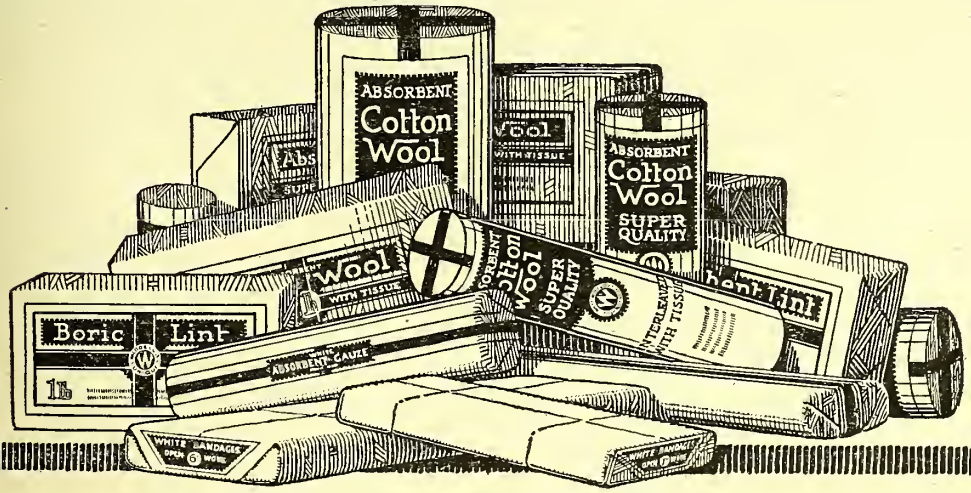
WARDELLA SURGICAL DRESSINGS

of SUPER QUALITY

WHOLESALE AND EXPORT ONLY

Absorbent Lint, Boric Lint, Bandages, Gauzes, Gauze Tissue, Cotton Wools, Coiled Wool, Grey Wools, Capsicum Tissue, Sanitary Towels, Dental Gauzes and Napkins, Hygienic Squares.

BLEACHERS OF BANDAGE CLOTHS, GAUZES, etc., TO THE TRADE. Also ABSORBENT COTTON.



THE WARDLE COTTON Co., Ltd., WARDLE, near ROCHDALE.

Spinners and Manufacturers from the raw material to the finished product.

LONDON: 9, FORE STREET AVENUE, E.C.2

SOLE AGENTS for all parts of ASIA, AFRICA, CENTRAL AND SOUTH AMERICA.
AYRTON, SAUNDERS & CO., LTD., LIVERPOOL,
to whom enquiries and orders for "Wardella" Brand goods should be addressed.

NOW is the time to buy your winter stock of

Eucalyptus Oil

Send your enquiries to

Reddgrave, Butler & Co.,

Park Lodge, Forest Lane, Stratford, London, E.15.

Pure American Turpentine

Langley-Smith & Co.

14/20 St. Mary Axe, London, E.C.3

Telegrams: "Tallowdom London."
Telephone: - Avenue 3820.

Enquiries solicited for all Grades of Oil.

(2)

PINE TREE TOILET PAPER.

We are pleased to state that we are able to supply again our old and favourite proprietary brand in Cases, Packets and Rolls.

Send for Samples & Prices.

(A good name is more than riches.)

CLOUDY AMMONIA

goes one better than ordinary ammonia in quality—and profit. Recommend it and reap that benefit.

We do not put the label on until the quality is there.

All experienced buyers know that the name of Sutton stands for trustworthiness, uniform high quality, and absolute purity.

Please send for terms:

G. F. SUTTON, SONS & Co.
Osborne Works, Brandon Road,
KING'S CROSS, LONDON, N. 7

PHOSFERINE

New Window Display Conditions.

Monthly Account. ***Carriage Paid.***

For a small Central Window Display of not less than 14 days and an order for £5 worth of Phosferine we allow a bonus of 10/6; on a £2 10 0 order 5/3.
This shows a net profit on the transaction to the Chemist of 35%, besides attracting the passer-by to the window and considerably augmenting sales generally.

Should a £5 or £2 10 0 parcel not be required, any smaller quantity will be forwarded carriage paid, and can, if desired, be regarded as part of the £5 or £2 10 0 order. On completion of the order and a notification that the display is in progress the bonus will be allowed.

EXAMPLE.

		COST	SELLS FOR
3½ dozen 1/3 size at 12/- net	...	£2 2 0	£2 12 6
2 „ 3/- „ at 30/- „	...	3 0 0	3 12 0
		5 2 0	
Less 10/6 for Window Show	...	10 6	
		£4 11 6	£6 4 6

Showing a Net Profit of £1 13 0 on an outlay of £4 11 6.

Window Display Material Free and Carriage Paid.

WHOLESALE PRICES OF PHOSFERINE.

Carriage Paid.		*Monthly Account.*
1/3 size	...	12/- per doz. net.
3/- „	...	30/- „ „
5/- „	...	48/6 „ „
12/- „	...	114/- „ „

PROTECTED PRICES.

Phosferine, and all of our Proprietary Medicines are supplied on the condition that they are not retailed in the United Kingdom under the following prices—viz., 1/3, 3/-, 5/-, and 12/-

ASHTON & PARSONS, Ltd., Ludgate Hill, LONDON, E.C.4.

Telephone No.: CITY 8733. Telegraphic Address: "PHOSFERINE, CENT, LONDON."

IMPORTANT.—Every care is used in corking and packing Phosferine, but occasionally a leaky bottle will pass undetected. Any leaky or faulty bottle should be returned to Ashton & Parsons, Ltd., Ludgate Hill, London, E.C.4, when a fresh supply will be sent and postage refunded.

RETAIL CHEMISTS! Get your PROFITS on the "Odds On" sales. Put it on your WANT LIST NOW!

JUST cast your eye on the Liniment Shelf. If "ODDS ON" is low, renew your stock from your Wholesaler to-night. DON'T MISS ONE SINGLE SALE; the 16 MILLION readers of our advertisements are ALL being DIRECTED TO YOU for SUPPLIES and your profit is P.A.T.A. protected. The CREAM of the papers consistently carry 7-inch "ODDS ON" selling talk, you have only to hand over the bottles as they're asked for and take your P.A.T.A. (or more) profit. This will appeal to you as a business man.

Some of the Papers:

DAILY MAIL
DAILY MIRROR
NEWS OF THE WORLD,
DAILY EXPRESS,
DAILY SKETCH,
DAILY NEWS,
GLASGOW RECORD,
GLASGOW EVENING TIMES,
etc.

16,000,000 buying Britons are reading "Odds On" selling-talk Every Week!

TEST the sale before you order direct. Send a p.c. and secure a parcel of display materials. SHOW THESE—THEN, if satisfactory, send your direct order and secure bonus terms.

In order to secure and MAINTAIN the co-operation of the Retailers in furthering sales and displaying advertising materials, we offer a PERMANENT bonus of 13 articles to the dozen; any size, for direct orders value (assorted) £3 and over. Our only stipulation is that a display is made after receipt of each consignment.

Send a postcard to-night for full particulars to Dept. P,

The "ODDS ON" SPECIFICS CO., Ld., 36-37 Cock Lane, Snow Hill, London, E.C.1

THE CHEMIST AND DRUGGIST SUPPLEMENT

42 CANNON ST.
LONDON E.C.4

NOVEMBER 4, 1922

This Supplement is inserted in every copy of The Chemist & Druggist.

THE SUPPLY OF SUPPLEMENTS.

The clerical work in connection with the posting of spare copies of the Coloured Supplement week by week has increased to such an extent that we have been compelled to reorganise our system of distribution. Our readers will please note, therefore, that, in future, instructions can be accepted for not more than six successive issues of the Supplement at a time, and that in every case

Addressed Wrappers Stamped One Penny

must be sent. Loose stamps will not be accepted.

EARLIER CLOSING FOR PRESS.

Will advertisers please note that until further notice it will be necessary that Advertisements intended for the Supplement must reach us not later than the

FIRST POST THURSDAY MORNING.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone No.: City 2283.

May be consulted at their Offices on matters of SALE, PURCHASE and VALUATION

1.—EARL'S COURT (Within easy distance of).—Cash Retail Business, with N.H.I. Dispensing; returns average £2,600 per annum, with scope for increase; net profit about £650; rent £48; held on long lease; price £1,850.

2. LONDON, N.—Ready-money Business; returns about £2,500 per annum under management; net profit about £700; double-fronted shop, well fitted and stocked; held on lease at moderate rental; terms, valuation of stock and fixtures, and sum for goodwill to be arranged.

3.—LONDON, S.W.—Cash Drug Stores; returns, present rate, £15 to £16 weekly under management, at good prices; single-fronted shop, fully stocked; small living accommodation; held on long lease; rent £48; price £600, or near offer.

4.—NORTH LONDON.—General Retail Business; returns, present rate, £15 to £20 weekly, with scope for large increase; modern, well-fitted shop, fully stocked; 6-roomed house and garden; rent £63, 14 years' lease; price £850, or near offer.

5.—MIDDLESEX (Few miles out).—Cash Retail Business, capitally situate in busy shopping thoroughfare; returns about £30 weekly, under indifferent management; scope for large development; about the value of stock and fixtures would be accepted.

6.—LONDON, W.—General Retail and Dispensing Business; established 75 years; returns, present rate, about £1,500 per annum; gross profit, about 40 per cent.; single-fronted shop; good working stock; held on lease; rent £60; sublet £91; price about £950, or valuation terms entertained.

7.—LONDON, W.—Good-class Dispensing Business; returns about £10,000, at full prices; double-fronted shop, well-fitted and heavily stocked; new lease will be granted; further details on receipt of banker's reference.

8.—WEST OF ENGLAND.—General Retail and Dispensing Business; returns, present rate, £16 to £17 weekly, with scope for large increase; stock and fixtures estimated by vendor at £650; held on lease at a rental of £28 per annum; entirely unopposed; price £650.

9.—DORSET.—General Retail and Dispensing Business, with Optics; returns last year, £2,530; net profit, about 25 per cent.; the shop is well fitted and stocked; there is ample living accommodation; terms, goodwill £250, stock and fixtures at valuation; freehold, £2,000; part payment entertained.

10.—WHOLESALE BUSINESS.—Established upwards of a century; a number of Proprietaries are included, which are stocked by most Chemists in the kingdom; returns have been over £6,000, now less; further details on application.

11.—SHEFFIELD (Near)—General Retail and Prescribing Business; returns last year, about £800, with scope for increase; single-fronted shop, fitted in mahogany and fully stocked; new lease will be granted; rent £33; price £730.

12.—SOUTH WALES (Near Coast).—Old-established Business, with Wine and Spirit Licence; returns last year, £3,220, at good prices; house contains 10 large rooms; private entrance; 17 years' lease; no opposition; price to be arranged.

13.—NORTH OF ENGLAND.—General Retail Business, offering scope for extended trading under energetic management; returns about £20 weekly; single-fronted shop, fitted in mahogany, and fully stocked; rent moderate; terms, valuation of stock and fixtures, about £650.

14.—LONDON, E.C.—City Pharmacy; very old-established; situate in one of the main City thoroughfares; gross receipts, about £6,500, increasing; new lease will be granted; offers invited.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a periodical Statement of Account by which means alone **Profit, the value of Business, &c.,** can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted and eventually becomes the cause of confusion and loss.

Messrs. O. & Co. are prepared to undertake these essential duties and make **Special Terms** for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.4

BERDOE & FISH

Valuers and Transfer Agents,

35 Jewry Street, Fenchurch Street, E.C.3.

Telephone—1809 *CENTRAL.*

1.—MIDLANDS.—Good-class mixed Family Retail, with photographic, in large market town. Returns over £4,500. Modern pharmacy, good position, and heavily stocked. Valuation terms arranged. Applicants with £2,500 at command can have further details; references required.

2.—SURREY (30 miles out).—Small good class Retail; no near opposition. Returns £10 to £12 weekly under management; low rent; lock-up shop; good stock. Price, £300; suit beginner.

3.—LONDON (ESSEX).—Cash Retail, with very large panel; in unique position; returns £2,650; net profit, £750 to £800; very heavily stocked. Price, £2,250 cash.

4.—LONDON, S.W.—Cash Drug Stores, returning £15 to £16 weekly under poor management; can be doubled; no near opposition; low rent, long lease. Price, £550.

BUSINESSES WANTED.

IMMEDIATELY, in large town, a good sound business, returning not less than £3,000 a year, and capable of extension. Client waiting with £3,000 cash available; also a large number of buyers seeking smaller concerns in all parts.

STOCKTAKING VALUATIONS.

We are now booking dates for November and December, and invite early applications to save disappointment. Terms sent on application.

ESTABLISHED 1870.

The Association of Mnfg. Chemists

— LIMITED —

Head Offices—**26-28 Kimberley House,**

Holborn Viaduct, London, E.C.1.

(and at 2 Bixteth Street, Liverpool.)

PARKIN S. BOOTH, Accountant and Valuer. **PHONE: CITY 6942-43**

WE HAVE THE FOLLOWING BUSINESSES FOR DISPOSAL.

1.—WEST OF ENGLAND.—General Business for disposal; would suit Motor Engineer; with premises suitable for opening a Chemist's business; without competition; established 10 years; price for freehold premises, goodwill, fixtures, fittings, and stock, £1,700; premises consist of double-fronted shop, large dwelling house, workshop, and garage for 5 cars.

2.—LONDON, W.—Family Retail and Dispensing Business; returns about £1,500, increasing; rent, £60 per annum, let off £90 per annum; total ingoing, about £1,400.

3.—WEST OF ENGLAND.—Small Tablet-making Business for disposal; excellent opportunity for small buyer; price, to include goodwill, extensive machinery plant, and stock, £400.

4.—PENRHIWCEIBER.—Small well-fitted Chemist's and Druggist's, with exceptional living accommodation; stock, £200; rent, £45 per annum; no reasonable offer refused.

5.—KENT.—Chemist and Photographic; rent, £52; lease 4 years to run; returns, £2,000; stock at val., £400; price £1,200.

6.—LONDON, N.—Chemist's Business; 14 years' lease; £63 per annum; returns, £20 a week, all ready money; price for lease, goodwill, fixtures, fittings, and utensils, stock, and to include new shop front, £850; good living accommodation; full particulars, apply.

WANTED.—Genuine Chemist's and Druggist's Business: client wishes to invest £1,000; Business must offer fullest investigation. Enquiries, in first instance, as above.

STOCKTAKING AND VALUATIONS FOR ALL PURPOSES UNDERTAKEN UPON REASONABLE TERMS.

THE MEDICAL AND GENERA BUSINESS AGENTS, LTD.

13 Buckingham Street, Strand, London, W.C.2

Have the following businesses for disposal:—

STEPNEY.—Small compact Pharmacy; turnover £500 p and panel; low rent; suit elderly man; smart man could eas double; four rooms with vacant possession; lease 14 years; £3

MILLWALL.—Drug Store; turnover £2,000 p.a.; good op ing for qualified man; lease can be arranged; good house acco modation; price £800, goodwill and fixtures; stock at valuati

WHITECHAPEL.—Jewish Pharmacy; turnover £1,500; re 35s. per week; lease can be granted with option of purcha 32 years in present owner's hands; price £750.

WHITECHAPEL.—Drug Stores; nicely fitted shop; turnov £750 p.a.; rent, inclusive, £1 1s. 10d. per week; price £51 all at.

MANCHESTER.—Pharmacy, situated in centre of city; tur over £2,000; increasing; gross profits 45%; lease 4 yea renewable; price £2,000, or would consider partner with £1,00

LONDON, E.—Nicely fitted Drug Store; turnover £500 p.a good opening for qualified man; profits above the average; lea can be granted; price £500.

Businesses Wanted. - - - Cash Buyers Waitin

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Recommended by The British Drug Houses, Messrs. Meggeson, Ltd., Messrs. Barclay & Sons, Ltd., and many other leading Wholesale Houses.

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£2,000 (nearly) Returns. Light retail; Midlands. Ne profit over £500. Price £1,500. Only applicants en closing references replied to.

BUSINESSES WANTED

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VALUER FOR ALL PURPOSES. ACCOUNTS PREPARED FOR INCOME TAX. BUSINESS TRANSFERS ARRANGED. STOCKS PRICED. BOOKS WRITTEN UP.
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AGENCIES.

or 50 words or less; 6d. for every additional 10 words or less, prepaid.

EMICALS.—Gentleman, with wide technical knowledge, business experience and trade connections, wishes to repre- a well-established firm of Chemical Manufacturers as Sole t for London, outlying districts, and Southern Counties on mission basis. Advertiser has private City office. Address ex," 117/23, Office of this Paper.

ANUFACTURERS' Agents in London, with spacious ware- houses available, are open for further Agency where very from stock is advantageous; old-established connection olesale only); payment by results. P.C.B. 65/38, Office of Paper.

ANTED, by two business men, Travellers (one has 30 years' experience all Ireland), who are about opening offices, rooms, etc., in Dublin, and probably Belfast, Manufacturer's ncies (or "stockists" if necessary) for articles sold by mists, Drapers, Grocers; only first-class and saleable lines pted; Sole Agencies given special preference; American and tinental firms also solicited. Apply "Kosmos," 113/1, Office his Paper

FINANCIAL.

ANUFACTURING Chemists, dealing with Retail Chemists throughout the British Isles, offer financial interest in blished business, packed medicinal and toilet preparations. plications from representatives are specially invited, but others sidered. Progressive firm. 14/441, Office of this Paper.

TO LET.

ACANT.—Rooms over Chemist's premises; excellent position for Dental Surgeon and Optician; must be prepared to nish rooms in good-class style. Further particulars from Okayloids," Waltham Cross.

FOR SALE.

UNGSTEN Wire on reels for Sale; various gauges, from .015 to .125; about 5 lbs. weight. What offers? Also "Becker" lance with weights, in glass case, in good condition.—R. phen Milne, 16, Moss Street, Paisley.

PREMISES TO LET.

2 SUPERIOR Shops to Let.—Palmerston Colonnade, corner of Station and Palmerston Roads, facing Westcliff Rail- y Station; finest and largest in Westcliff; lock-up shops; £200 £350. High Street, Sheerness, No. 38, centre of busiest part; rooms; 38-ft. frontage, 130 ft. deep; rent £400; suit any ade. High Street, Brentwood, corner Ongar Road; 10 rooms; ld corner; suit provisions, bank, or make five or six shops; nt £350; long leases granted. No. 31, London Road, St. bans; 10 rooms; freehold, £2,500. Shorecliff, 8, San Remo rade, Westcliff-on-Sea.

BUSINESSES WANTED.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

The ADVERTISER may if preferred have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

NORTH-EAST COAST or good Yorkshire residential town.—Small Business required of good-class Drug Store nature; for preference one dealing largely in toilet goods or photographics; good class business position; present returns of secondary importance. Premises with house preferable. Particulars to 116/34, Office of this Paper.

ADVERTISER wishes to purchase genuine middle-class Chemist's Business with living accommodation; turnover about £3,000; one capable of increase and in good position preferred; London suburb or any nice district; must have long lease. Reply, in confidence, to 114/12, Office of this Paper.

GENUINE Chemist's Business or Drug Store wanted at once; neglected one not objected to if scope for increase. Would entertain sound Partnership, or manage with view to succession. All replies treated in strictest confidence. "Aspirin," 116/6, Office of this Paper.

GENUINE Business required by Pharmacist yielding about £300 net profit per annum; London suburbs or Home Counties; living accommodation essential; would manage with view to early succession. Cash available and immediate negotiations. Full particulars in strict confidence. "Fides," 116/3, Office of this Paper.

GOOD-CLASS Business required, preferably with Photographic connection, taking about £3,000 or more per annum, in South of England; Must bear the strictest investigation. Please give full details in first letter. "Cash," 111/2, Office of this Paper.

PHARMACIST requires medium-class Cash Business; seaside or small town, preferably Lancashire or Cheshire, with good house attached; cash available about £900; if more, balance by arrangement; must bear strictest investigation. Fullest particulars, in confidence, to 109/32, Office of this Paper.

PHARMACIST desires to purchase unopposed Village Business, preferably within 50 miles of London; must have good house accommodation; or would manage with view to succession. Please give full particulars in first letter (absolutely confidential) to "Genuine," 117/25, Office of this Paper.

WANTED, a small Business; neglected not objected to; one in Home Counties and having living accommodation preferred, but neither essential. Managership or partnership would be entertained by advertiser, who is 29 years of age, smart, and experienced in all branches. Send full details in first letter to 117/4, Office of this Paper.

WANTED, small Cash Drug Store; Lancashire, Cheshire or North Wales preferred; would manage with view to succession; living accommodation not essential. Particulars, in confidence, to 113/5, Office of this Paper.

WANTED, Cash Retail Business, with living accommodation, within 30 miles of London, or in South of England preferred; price up to £1,000; lease necessary; only genuine concerns that will bear investigation entertained; Photographic side or scope for same desirable. Particulars in confidence to P.C.B. 70/37, Office of this Paper.

£20.—ADVERTISER wants information of suitable place for opening Chemist's Business; no near opposition; village with market day preferred, but not essential. The above amount will be paid to the person whose information is acted upon. 114/3, Office of this Paper.

PARTNERSHIPS.

The ADVERTISER may if preferred have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

GENTLEWOMAN, with high-class Toilet business and exclusive clientèle, requires Lady or Gentleman Partner with capital; one who can help her in compounding unique Toilet preparations for mail order; strictest investigation courted and highest references required. Letters only to Corvine, 39, Dorset Square, London, N.W.1.

BUSINESSES FOR DISPOSAL.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may if preferred have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

KENT, 14 miles from London.—Genuine unopposed Cash Retail Business for disposal; returns £20-£25 weekly at good profits; shop, five rooms, garden; rent £40; long lease will be granted; satisfactory reasons for disposal; books open to investigation; field of scope for registered chemist; price £750 cash. Apply "Juniper," 114/24, Office of this Paper.

LANCASHIRE.—Sound Business; turnover £2,500, under management; Kodak agency, wine licence; commodious premises also for sale; splendid opening and capable of great increase, including Freehold Premises, £2,200; banker's references required. Apply "Chemicus," 115/38, Office of this Paper.

LIVERPOOL.—Neglected Dispensing and N.H.I. Business; partly worked up under part-time management; takings 1920 £8 weekly; present £20 weekly; sound reason for disposal; no fake; £700. Write 116/35, Office of this Paper.

LONDON, W.—Drug Store, double-fronted; busy main road position; thickly-populated district; good working stock; electric light; fine scope all branches and photo.; Qualified man could easily double turnover; good house accommodation, 6 rooms, with large cellar and garden; rent £75. Write 116/8, Office of this Paper.

SHROPSHIRE.—Village Chemist Business for Sale owing to death of proprietor; nearest chemist 10 miles; house available; stock and fixtures at valuation. Apply F. J. Cooper, Solicitor, Bridgnorth, Salop.

FOR immediate Sale, close to South Wales, Chemist's Shop Fittings, Stock and every requisite necessary for opening business, including Specialities for agricultural purposes, and many valuable recipes included; fittings with wall glass cases, nests of drawers, etc., all in perfect condition. Apply in first instance to Smith Charley, House Agent, Blakeney, Gloucestershire.

FOR immediate disposal and removal in one lot, Stock-in-Trade and Fixtures of old-fashioned chemist's shop, mahogany glass cases covering two walls, handsome air-tight show case, 5 by 5 ft., glass shelves, mirror backs; fair working stock about £200. Early inspection and offers invited. Parkin, Ringwood, Hants.

FOR Sale, the Goodwill and Business as a going concern, including recipe, of a well-known Tonic Preparation for the Hair; good opportunity for investment with moderate amount of capital available for advertising purposes; every investigation courted and figures supplied. Letters in first instance to Box H. 770, c/o Dawson's, 121, Cannon Street, E.C.4.

PHARMACY and Sight-testing Business in southern county; combined returns nearly £3,000; would suit two energetic partners or a company firm; lock-up shop; can be sold without the optical connection; price one year's returns. The spacious premises, yielding good rentals, can be offered also. Particulars to bona-fide purchasers only. Reply 111/16, Office of this Paper.

TOMS, LTD., Cash and Shipping Chemists, Swansea.—This sound and old-established Business for Sale. Sole reasons for disposal, terms of lease, and all particulars to *bona-fide* applicants with banker's references may be obtained from Charles Harvey, Esq., Chartered Accountant, Goat Street, Swansea. Possession may be had on December 25 prox.

We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners agents or assistants, or wish to sell their businesses, an Advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and remittances can be sent to us direct or through the advertisers' correspondents in this country.

SITUATIONS OPEN.

[*HOME.*]

RETAIL.

6s. for 40 words or less; 6d. for every additional 10 w or less, prepaid.

The Advertiser may if preferred have replies addressed to Office, and forwarded on payment of an additional charge

ACCRINGTON.—Experienced Assistant wanted for acc and rapid dispensing and photographic work. None thoroughly able and experienced men need apply. Qualific not essential. Permanency. Salary, £4 per week. Full ticulars in first letter, please. Thornber, Accrington, Lancs.

KINGSTON-ON-THAMES.—Assistant; unqualified; good S man. Dispenser, Window-dresser; references must strictest investigation; no Sunday duty. Give full partic and salary required. Applicants not answered in six days p consider declined. Tamplin & Son, 19, Eden Street, Kingsto Thames.

LONDON (Clerkenwell, E.C.).—Junior Assistant or Impr outdoors, for middle and working-class family busi Please apply, with references, stating age, experience salary required, to 117/39, Office of this Paper.

LONDON Branch Manager required, about 30; must be a salesman and window dresser, and have a good k ledge of photography. Apply, Parke's Drug Stores, Ltd., Harmood Street, Chalk Farm, N.W.1.

LONDON.—Assistant required; must be a good Dispenser, ac tomed to quick counter trade, window dressing, and ph graphic sundries. Age not over 30. Apply, Parke's Drug St Ltd., 65, Harmood Street, Chalk Farm, N.W.1.

LONDON, W.—Capable Junior wanted at once. Apply, giv all particulars and salary expected, P.C.B. 71/2, Office this Paper.

LONDON, W.—Unqualified male Assistant; West-End exp ence; competent. Apply Staff Manager, Harrods, Ltd., Hans Crescent, S.W.1

SOUTH COAST.—Qualified Assistant required immediate little dispensing, mostly toilet requisites; permanency suitable man. Age, wage, all particulars, first letter. E. Lusty, Old Wood, Tenbury Wells, Worcs.

AN experienced Manager wanted to take charge of the D department of a Pharmacy and Mixed Store; an energe man of good moral character essential; recent references; b ness in colliery district; no house accommodation. Ap 113/39, Office of this Paper.

ASSISTANT with a good general knowledge, including Pho graphy, wanted for quick business. Please give particul as to age, height, experience, references, when disengaged, a salary required, in first letter, or apply personally. Applica unanswered in four days respectfully declined. Bishop & Vince 460, Holloway Road, London, N.7.

DISPENSING Chemist, lady (with qualification of the Roy Pharmaceutical Society and a practical knowledge Photographic work), required at Maudsley Hospital, Denma Hill, S.E.5; age not over 40; salary (including tempora additions) at present £208 a year; no emolnments; pensionab Appointment subject to medical examination. Experience clerical work (including Shorthand and Typewriting), or abili to treat by massage exercises or electricity, or to organise occ pations for patients would be regarded as recommendatio Full particulars on form of application, on which alone appl cation must be made, obtainable from Chief Officer, Ment Hospitals Department, London County Council, County Ha Westminster Bridge, S.E.1. Stamped, addressed foolscap env lope must be sent. Applications must be received by 11 a.m Monday, November 13, 1922. Canvassing disqualifies.

LADY with first-class all-round experience at Counter an Perfumery trade; must be a good Saleswoman, Organis and Stock-keeper. Send full particulars, references, salar required, and photo. Chave & Jackson, Chemists, Hereford.

MESSRS. HOLMAN, HAM & CO., LTD., Exeter, have vacancy for a qualified gentleman with good all-roun experience as Manager of a good-class Dispensing business wit Photographic and Optical work; married man able open t immediate engagement preferred. Apply (in first instance) wit as full particulars as possible to Arnold, 1, Old Tiverton Road Exeter.

MAN V. STOW, LTD., Newton Abbot, Devon, have a ancy for a thoroughly reliable Assistant; accurate dis- and accustomed to front counter work. Applications age, salary (ontdoor), and accompanied by two recent nials in first letter.

T-TIME.—Qualified to assist in opening small business; eference given to one who would invest about £40 for occupier is purchasing freehold, and has outside work. 32, North Street, S.W.4.

LIFIED, young and reliable, for cash business; energetic nd willing to build up neglected trade; good scope; every agement; house provided. State salary, age, references, ence, etc., to "X.," 157, Queen Victoria Street, E.C.

RT Assistant wanted for quick cash trade; must be good alesman and knowledge of window dressing and photo- . Apply by letter only to Marshall & Co., 78, High Kingsland, E.8.

NTED, Brauch Manager, December 1; qualified; Agricul- ural and Photographic; state age, salary, experience and photo. Topping Bros., Preston.

WHOLESALE.

DVERTISER may if preferred have replies addressed to this e, and forwarded on payment of an additional charge of 1/-.

T RIDING OF YORKSHIRE.—Drug Traveller wanted. State (confidentially) age, experience, and remuneration sted. 14/435, Office of this Paper.

VERTISING.—Opportunity occurs for qualified or un- ualified man to learn Pharmaceutical Advertising in ment of large London wholesale firm; ability to write ely is essential, and some knowledge of display work is ble. Send full particulars of age, qualifications, experi- nd salary required to 14/438, Office of this Paper.

established firm manufacturing Medicinal and Toilet Pre- arations (packed), with connections throughout the British have vacancies in London and the Provinces for Travellers l upon Retail Chemists; commission terms; representatives nted will be required to take financial interest; applica- treated confidentially. 14/440, Office of this Paper.

ERK, male, 25, in office of Wholesale Druggists, Sundries- men, etc., to check invoices; must have had experience. "G. W. B.," P.C.B. 70/23, Office of this Paper.

ERGETIC Traveller required for London and district with established connection amongst Chemists, etc., to sell, on and commission, a high-class line of Tooth Paste, Compact ers and Perfume. Reply, with full particulars, to 14/442, of this Paper.

D-ESTABLISHED manufacturing firm of high-class Toilet Soap and Perfumery require Representative for Yorkshire; and commission basis; only gentlemen of proved ability with first-class connection need apply; applicants residing rritory preferred. Full particulars, in strict confidence, to 59, Office of this Paper.

PRESENTATIVE for well-known Wholesale Surgical Goods trade, all England, resident London or near; experienced preferred. Apply P.C.B. 70/38, Office of this Paper.

PRESENTATIVE, with sound connection, calling on Chemists, wanted to sell Pine Tablets on commission base please state ground covered. 14/437, Office of this Paper.

AVELLERS on commission basis wanted for all counties with established connection amongst chemists, to sell ladies' preparation. The article will be extensively advertised, and assistance given to assist sales. Application will be treated rict confidence. Box V., Forbes Keir & Bullen, Ltd., Adver- g Agents, Liverpool.

AVELLERS with live connection (essential) amongst Retail Chemists, Fancy Drapers, and General Stores required for ashire, Yorkshire, Midlands, North and South Wales, and land, to carry Sundries at competitive prices; 10% com- ion basis offered; a side line not objected to, providing s do not clash; ample scope and every encouragement for ble men; no others need apply. 114/9, Office of this Paper.

ANTED, two Travellers for London and three for provinces with progressive wholesale house for Toilet and Perfumery e; permanent positions; salary and commission; experience connection essential; one wholesale in London. Full par- ars to P.C.B. 69/25, Office of this Paper.

[Colonial, Indian and Foreign.]

CAPE TOWN.—Qualified Assistant required; £35 per month first year, £40 second, and £45 third year; passage paid; three years' agreement; high-class Counter trade experience. Write, sending copies testimonials, stating qualifications, record, etc., to "Z.," c/o Streets, 30, Cornhill, E.C.3.

MENTON.—Qualified Assistant, London experience, age 30 to 35 years, for December 12. Apply, with two references at least and photograph, Pharmacie Blancher, Menton, France.

PARIS.—Assistant with knowledge of French. State age, height, references, photo (to be returned), salary (outdoors). Roberts & Co., 5, rue de la Paix, Paris.

PARIS.—English Assistant, knowledge of French and French Pharmacy, wanted for Paris. Apply, giving full particulars in first place, to Pharmacie Centrale de France, 21, rue des Nonnains d'Hyères, Paris (4e).

SINGAPORE.—Wanted, qualified Assistant, about 24, with good experience, smart, healthy; optics an advantage. Agreement 3 years; passage out and home. Salary, $300, $325, $350 monthly. ($=2s. 4d.) Healthy climate. Apply, Watt, Chemist, 28, Esslemont Avenue, Aberdeen.

SITUATIONS WANTED.

[HOME.]

RETAIL.

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid.

A.A.A. CAPABLE Pharmacist, 34, single, qualified 1909, permanent or temporary, any capacity, anywhere; registered locum R.P.U.; disengaged; moderate. Clear Mount, Albert Road, Dorchester, Dorset.

A.A.A.—EXPERIENCED Assistant desires good permanency; London experience; 39; tall; single; competent Dispenser, Counterman, Window-dresser; highest references from present and previous employers. "Spes," 168, Heathfield Road, Handsworth, Birmingham.

A.A.A.—YOUNG, qualified Pharmacist, disengaged 28th, requires permanency; used to high-class business; abstainer. E. A. Douglas 12, St. John's Church Road, Folkestone.

A.A.A.—ASSISTANT, 27; high-class experience; Salesmanship speciality; quick and accurate Dispenser; highest possible references. "Chemicus," 6, St. Loy's Road, Bruce Grove, Tottenham, N.17.

A.A.A.—QUALIFIED, young, smart and willing, seeks position Dispensing, Counter, Window Dressing; disengaged. Hudson, Harecroft Road, Wisbech.

A.A.A.—EXPERIENCED Assistant, 29; tall; single; accustomed to high-class retail, dispensing, and photographic; disengaged shortly. H. G. Sellick, 15, Richmond Road, Exeter.

A.A.—M.P.S., married, abstainer, fully experienced, 20 years own business, desires Permanency, or Locum; long and short periods; highest personal references. "F.," 3, Raven's Lane, Berkhamstead.

A1.—ASSISTANT or Manager (qualified); single; 27; first-class salesman; accurate dispenser, prescribing; knowledge photography; excellent references; moderate salary; anywhere; partnership entertained. "Max," 18, Gloucester Road, Regent's Park, N.W.1.

A MOST capable unqualified, tall, 29, expert Salesman and Dispenser, good window dresser, all-round experience, seeks post as Manager or Assistant. F. S., c/o 37, Bede Burn Road, Jarrow.

A PHARMACIST, 22; sound experience; Dispensing, Counter and Photography, disengaged. E. Parker, 41, Gordon Street, Colne, Lancs.

A PHARMACIST finishing locum 5th desires London permanency as Manager or Senior; excellent references; reliable, willing, experienced. "Ego," 115/39, Office of this Paper.

A QUALIFIED man wants work, any capacity, Locum, temporary, or permanent; middle-aged; tall; all-round experience; salary low; disengaged. "Chemist," 14, St. John's Road, Highgate, N.19.

A QUALIFIED young lady; 4 years' excellent Dispensing and Counter experience; highest references. Dale, 31, Highdown Road, Brighton.

A YOUNG lady, tall, desires post; experienced Counter, Stock, Toilet Preparations, etc.; highest refereuces; well recommended. "Statim," 115/20, Office of this Paper.

ABSTAINER, qualified, Manager; tall; sound varied experience; 8 years last post; Photography. 13, Hartington Road, St. Margarets, Twickenham.

ABSTAINER; qualified; Manager, Assistant, Locum; sonnd experience; good references; Photography; November 6. Smith, 38, Jetty Road, Gt. Yarmouth.

ACTIVE Manager, 37, with view early succession or partnership. Chemist, 108, Craven Park, N.W.10.

ADVERTISER, experienced, Manufacturing, Wholesale, Retail, Drug, Photo, Optics, Windows; references Brighton or London; Mechanician, 56, Cressingham Road, Lewisham.

AN experienced gentleman (Med.), unqualified, seeks post as Dispenser, Book-keeper, or other position of trust; disengaged; Hospital and general practice experience; excellent testimonials. Jones, 210, High Street, Newhall, Burton-on-Trent.

AN Assistant with exceptional experience in Dispensing, Counter work, and Photography, shortly disengaged. "Chemicus," Ilversden, Wickham Avenue, Bexhill-on-Sea.

ANY period; disengaged; Locum; 43; all-round experience; competent worker; highest references; moderate terms. "Reliable," 239, Camberwell New Road, S.E.5.

AS Assistant in Retail Pharmacy, 26; married; 4 years' war service; educated Grammar School, Cambridge; languages, French, German, Latin; fully trained in Pharmacy; taking qualifying exams. M.L. 2360/22, Office of this Paper.

AS Assistant.—Lady, young, unqualified, requires employment with Chemist, Doctor, or Institution in any district; 2½ years' Dispensing and some Retail experience. 92, Trafalgar Road, Moseley, Birmingham.

AS Locum, Manager or Dispenser; thoroughly experienced (London); tall, active; Minor. McNeill, "Fairview," Knaphill, near Woking.

AS Manager or Locum, 50; qualified; London or provinces; satisfactory references; all-round experience. Pharmacist, 38, Wendover Road, Harlesden, N.W.

AS Manager, qualified, elderly, energetic, requires employment; good Dispenser, Prescriber, Window-dresser; references. Address 115/21, Office of this Paper.

ASSISTANT, 37, married; educated Willesden Grammar School; experienced in Dental work. M. L. 15321, Office of this Paper.

ASSISTANT; unqualified; male; 6 years' experience, Dispensing and Photography; excellent references; age 22; free; London or suburbs preferred. Richardson, 24, London Road, Grantham.

ASSISTANT; unqualified; 29; married; 11 years' experience, Dispensing, Counter, and Photography; excellent references.—Hoff, 42, Gascony Avenue, Kilburn.

ASSISTANT; disengaged; unqualified; good London experience; Dispensing; manage single-handed Drug Store Fletcher, 11, Kingsdown Road, Holloway, N.19.

ASSISTANT (32), Unqualified; thoroughly experienced; Counter, Dispensing, etc.; could manage; highest references; disengaged. "Chemist," 8 Carnarvon Road, Leyton.

ASSISTANT, Unqualified; Counter, Galenicals, Dispensing and Photographics; seven years' all-round experience; disengaged. "Permanency," 197 Gilesgate, Durham.

ASSISTANT; competent, reliable, good-class Retail and Dispensing experience, seeks engagement. "Chemicns," 4 Edward Road, Coulsdon, Surrey.

ASSISTANT (26), Unqualified, experienced; Counter and Dispensing; disengaged; excellent references. Hubbard, 1 Sea Road, Highcliffe, Hants.

ASSISTANT, Unqualified; all-round experience London and City; permanency or locum. "Statim," 72 Tremadoc Road, Clapham, S.W.

BIRMINGHAM.—Manager or Locum; Qualified; long ence; part time entertained; highest references. Ga 11 Woodhurst Road, Moseley, Birmingham.

BRANCH Manager, Assistant or Locum; slight kno Optics; excellent experience, Dispensiug and Photog good references; state salary offered; qualified. 109/27, of this Paper.

BRANCH Manager or Assistant (27); Qualified; excelle round experience Photographic, etc. "Chemist," Skipton Road, Colne, Lancs.

DENTIST (Registered) and Chemist seeks evening e ment in either capacity; S.E. preferred. "Dentist," Bellenden Road, Peckham, S.E.

DISENGAGED.—Locum or permanent; unqualified; hig Dispensing and Counter experience; excellent refer interview if desired. H. C., 5, Gloucester Street, Victoria,

DISENGAGED.—Manager, elderly, Qualified, with tional testimonials; active; moderate salary. "M 22, Ellison Road, Barnes.

DISPENSER.—Ex-officer, R.A.M.C.; married; knowledge branches Dispensing M.L. 2028/22, Office of this P

DISPENSER (lady) requires morning post with Doct Institution; West-End preferred. 109/10, Office o Paper.

DISPENSER (lady), Hall qualification, requires post Doctor or Chemist; London district; disengaged "L. A. F.," 19, Windsor Road, Watford, Herts.

DISPENSER (Hall); part or whole time post. Miss We Gainsborough Road, Chiswick, W.4.

DISPENSER, Lady (19), recently Qualified (Hall), re post; institution or doctor. H. Nottingham, 111 Cl Avenue, Northampton.

DISPENSER'S Assistant, 26, married; educated L.C.C. of Pharmacy; war service, 2½ years; Drug Stores exper M. L., 48877, Office of this Paper.

EVENINGS from 6.30, Saturdays 4, City, North or London. "G.," 36, Paignton Road, South Tottenham,

EVENING, N.H.I., Dispensing, etc.; S.W. or S. distri near preferred. W., 78, Alexandra Road, E. Croydon.

EXPERIENCE Tells.—Assistant; unqualified; 43; first references; reliablo; capable of management; Presc Dispenser and Photo.; disengaged November 1. W. M., Duke Street, St. Helens.

EXPERIENCED man; disengaged; good Counterman; reli thorough knowledge of trade in all branches; mod salary. Fairweather, 286, Kingsland Road, London, E.8.

JUNIOR (lady), 21, Student, desires post, London, mouth, 5 years' high-class dispensing, counter, wi dressing, photography; excellent references. Merrington, H mere, Surrey.

JUNIOR or Improver, 20, desires post; experienced in pensing, Counter, Photography. Davies, 31, Mostyn St Llandudno.

JUNIOR; unqualified; splendid all-round experience; exce references; salary reasonable. Apply 116/4, Office of Paper.

L. ROWLAND & CO., Chemists, Wrexham, can recom a good Junior Assistant. Apply 9, High Street, Wrex

LADY Pharmacist, young, recently qualified, high-class pensing and Retail experience, thoroughly competent, cellent references, desires post as Dispenser or Assis Franklin, 11, Barton Street, Gloucester.

LADY Dispenser, 6 years with firm Doctors, desires whol part time; London, Gravesend. 75, George Street, Croy

LADY Dispenser, Hall, desires post with Doctor or at I tution. H. Keen, 29, Knowle Road, Bristol.

LADY Dispenser; first-class experience; £2 weekly, or w give services in exchange for board. Rita, 7, Flo Road, Camberwell New Road, S.E.5.

LADY Dispenser desires post in or near London; 7 years' h class Dispensing experience; excellent references; qualification. 116/38, Office of this Paper.

LADY, 29; unqualified; 12 years' Dispensing, Photogra good Counter and Window-dressing experience. S salary, etc. "Alert," 117/31, Office of this Paper.

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